DESIGN DIV.
41
E-21

Ceiling

NO. 2 R 22 (Duplicate)

REFLECTORS

AND SPECIAL LIGHTING EQUIPMENT

FOR STORES — BANKS — OFFICES

7-22

CATALOG 36 SECTION A

RETURN TO DESIGN DIV.

CONTINUOUS SHOW CASE REFLECTORS	PAGE 3
UNIT DISPLAY CASE REFLECTORS	PAGE 8
CONTINUOUS WALL CASE REFLECTORS	PAGE 12
HINGED DOORS WITH GLASS	PAGE 14
WIREWAYS AND STRIP REFLECTORS	PAGE 15
SHOW WINDOW AND DISPLAY CASE LIGHTING	PAGE 17
FOOD CASE REFLECTORS	PAGE 24
REFLECTORS WITH ARM BRACKETS	PAGE 30
REFLECTORS WITH UPRIGHT SUPPORTS	PAGE 32
SUSPENDED REFLECTORS	PAGE 35
FITTING MIRROR LIGHTING	PAGE 42
BANK AND COUNTER SCREEN LIGHTING	PAGE 45

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APR 21 1941
Design Division

Numerical Index, See page 48
Modern Architectural Lighting, see Section B
Holophane Controlens Lighting, see Section C

GARCY REFLECTORS

Printed in U.S.A.

A DIVISION OF

GARDEN CITY PLATING & MFG. CO. 1420-30 SO. TALMAN AVE. CHICAGO, ILL.

A.I.A. File 31f2

HOW TO ORDER CONTINUOUS REFLECTORS

If information on any of these points is omitted, we will use our best judgment in filling the order.

1

State catalog number of item.

2

State exact length required.

3

Exterior metal and finish—reflecting surface — socket spacing, if other than "standard specifications" as listed for the item, are desired.

4

Type of wire feed connection. Standard connections are as shown on drawings at right, except where otherwise specified in catalog. Other types of connectors available are illustrated on page 11.

5

Location of wire feed connection. Except where otherwise specified in catalog, connections are placed as shown on drawings at right.

6

Mounting Methods. For show case reflectors, see page 6.

7

Fittings—Show case reflector to switch, see pages 6, 7, 11; For other reflectors, see page 11.

8

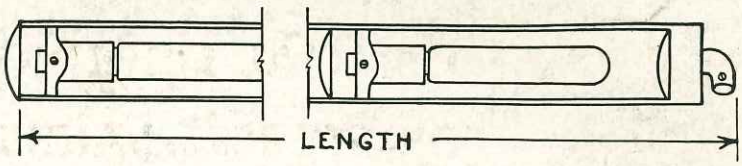
State size of lamps to be used.

9

State number of circuits and how divided, or all sockets will be furnished on one circuit.

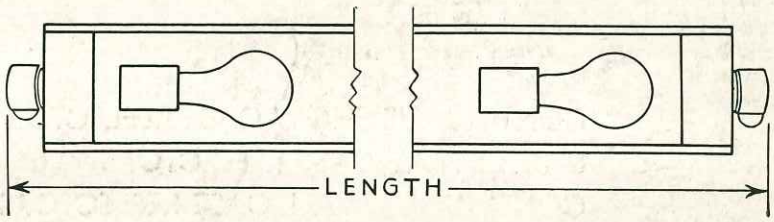
10

If switch is required, state type, or we will furnish what we consider the most practical. Large toggle, small toggle or levolier switches are the types usually furnished.



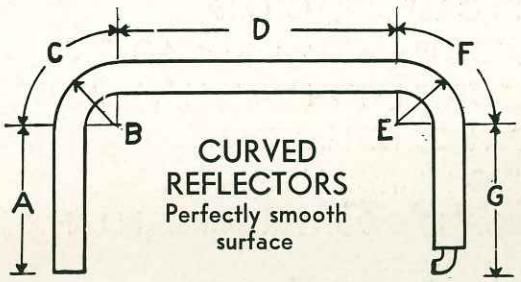
SHOW CASE REFLECTORS

Length includes fittings. Unless otherwise specified, reflectors are equipped with elbow fitting to connect 3/8" rigid tubing. See specifications, page 4.



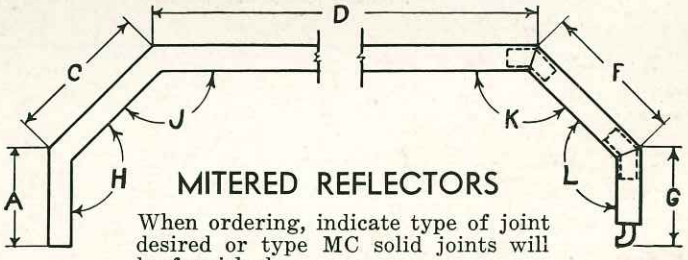
ALL OTHER CONTINUOUS REFLECTORS

Length includes fittings. Unless otherwise specified, reflectors are equipped with fittings to connect 3/8" flexible conduit, at each end of reflector.



Any length or radius. Made without a wrinkle or blemish to mar their appearance.

When ordering reflectors for curved or mitered cases, give dimensions as indicated. State if dimensions given are for outside of reflector or inside of case. If possible include section of top moulding or send template. If reflectors are to be used with mounting brackets be sure to state type desired, so that proper allowances can be made.



When ordering, indicate type of joint desired or type MC solid joints will be furnished.

SOLID JOINT MITER
Type MC

A clean, well soldered joint continuing the smooth surface of the shell without interruption.

LOOSE JOINT MITER
Type MS

Reflectors are mitered and joined together by a plate screwed to the face of reflector.

Bonwit-Teller Store, New York City

RETURN TO DESIGN DIV.

Stern Brothers, New York, N. Y.
Sears-Roebuck windowless store, Chicago, Ill.
Wm. H. Block, Indianapolis, Ind.
Frederick & Nelson Co., Seattle, Wash.
Davis Store, Chicago, Ill.
J. N. Adam & Co., Buffalo, N. Y.
Boston Store, Milwaukee, Wis.
Stewart Dry Goods, Louisville, Ky.

Burdine's, Miami Beach, Fla.
Oreck's, Duluth, Minn.
Hecht Co., Washington, D. C.
McCurdy & Co., Rochester, N. Y.
Wieboldt Northtown, Chicago, Ill.
Kline's, Kansas City, Mo.
Gimbel Bros., Milwaukee, Wis.
Thal's Fashion Shop, Dayton, O.

With merchants increasingly aware of the desirability and effectiveness of high intensity general lighting in their stores, the need has arisen for corresponding increases of the lighting levels within their show cases. And while it was an easy matter to maintain show case lighting at from two to five times the general lighting levels, when the latter was no more than 10 foot candles, the increase of general lighting levels to twice or three times this amount, created a showcase lighting problem not so easily solved.

That the GARCY showcase reflectors, shown on succeeding pages, have successfully met this test is evidenced by the fact that they were selected for the great majority of department store installations during the past few years.

There are very good reasons why GARCY reflectors perform so well. The GAR-LITE reflecting surface, recently perfected, provides reflectivity that is permanent, controllable and the highest yet available for show case troughs. Reflection control is attained by proper design and accuracy in manufacturing. With GARCY reflectors the light is reflected evenly and confined to a definite area, the interior of the show case. Absorption—diffusion—spill—the three major reasons for light loss, are reduced to a minimum.

SPECIFICATIONS — CONTINUOUS SHOW CASE REFLECTORS

APPLYING TO REFLECTORS ON PAGES 4 AND 5

EXTERIOR

No. 3302 made of brass, others of steel. Can also be furnished in brass or nickel silver.

STANDARD FINISH: Statuary bronze plated.

OTHER FINISHES: Steel reflectors can be furnished in any plate, spray or lacquer finish; brass reflectors in any plated finish.

REFLECTING SURFACE

GAR-LITE (Described on next page) is standard.

OTHER REFLECTING SURFACES: The following reflecting surfaces are also available.

GAR-CO. Similar to GAR-LITE, but with a permanent diffusing finish. Reflectivity is somewhat lower.

CHROMIUM. A very practical reflecting surface; permits accurate light control.

PORCELAIN. Finest grade porcelain with reflectivity as high as possible for this material (not furnished in No. 3302). A good diffusing surface.

SOCKETS

Except Lumiline lamp reflector

Hinged porcelain sockets are standard. Sockets can also be furnished stationary instead of hinged.

SOCKET SPACING

Except Lumiline lamp reflector

Sockets 18" on centers is standard spacing. 12", 15", 24" or any other spacing can be furnished.

HANGING METHODS

Lumiline lamp reflectors have straps; others with screw holes to fasten to wood frame case, as shown in sectional views. Other hanging methods, see page 6.

ELECTRICAL CONNECTION

STANDARD CONNECTION: Reflectors are furnished with elbow to connect 3/8" rigid tubing at right end, clerk's view of case. Wiring chambers at each end of reflector provide a convenient place to connect wires. If desired, special large wiring chambers can be furnished at ends.

OTHER CONNECTIONS: If desired, connection can be furnished at both ends, or at left end only. Other connectors can be substituted for the 3/8" tubing elbow as follows: Elbow fittings for 5/16" square tubing, 1/2" round tubing or 5/16" flexible conduit; straight fittings for 3/8" tubing, 5/16" or 3/8" flexible conduit.

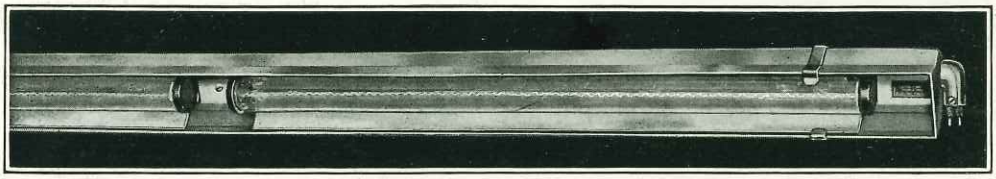
REFLECTOR WIRING

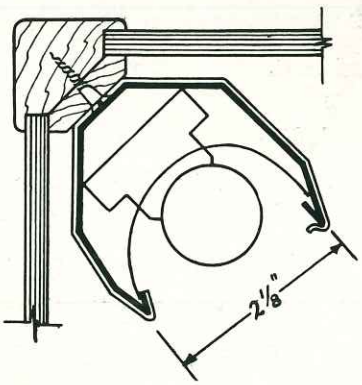
Reflectors are furnished wired with a 6 ft. wire lead at one end or 3 ft. wire leads at both ends (longer if required). Reflectors can also be furnished unwired.

SHOW CASE WIRING

Methods of carrying wire through show cases, see page 7; for wiring between cases, see page 11.

REFLECTOR FOR LUMILINE LAMPS





No. 3199

Section is ½ actual size

Made with snap-in disc sockets for lumiline continuous - filament, end - contact, tubular lamps.

SOCKET SPACING: Sockets are spaced to effect a continuous line of light with 18" lamps. When necessary, sockets for one or two 12" lamps are included in order to provide the maximum amount of continuous lighting. Also furnished with sockets for 12" lamps throughout if specified.

HANGING METHOD: Reflectors are provided with snap-in type straps to screw to wood moulding at point indicated on sectional view. Straps can also be furnished with screw holes in any other location. Other hanging methods, see page 6.

CONTINUOUS SHOW CASE REFLECTORS

FOR SCREW BASE TUBULAR LAMPS

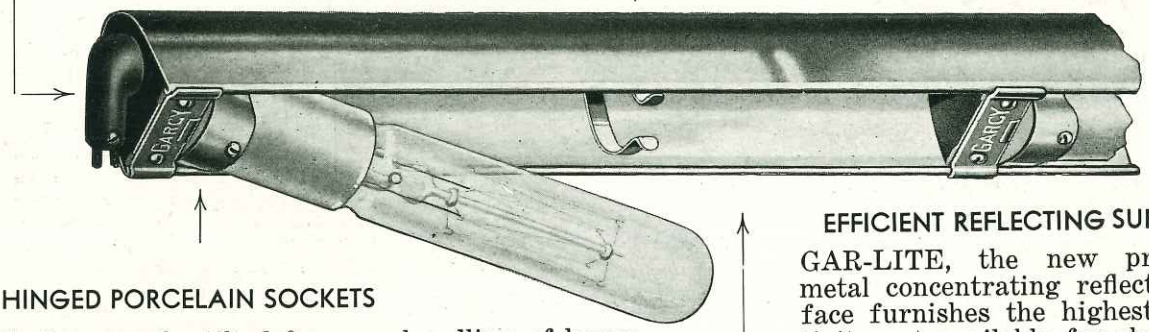
Standard Specifications see preceding page

SWIVEL ELBOW CONNECTOR

Permits running of rigid conduit toward bottom or back of case as required.

SINGLE PIECE DRAWN SHELL

Exteriors are drawn in one continuous length, either straight or curved, without wrinkles, waves or blemishes.

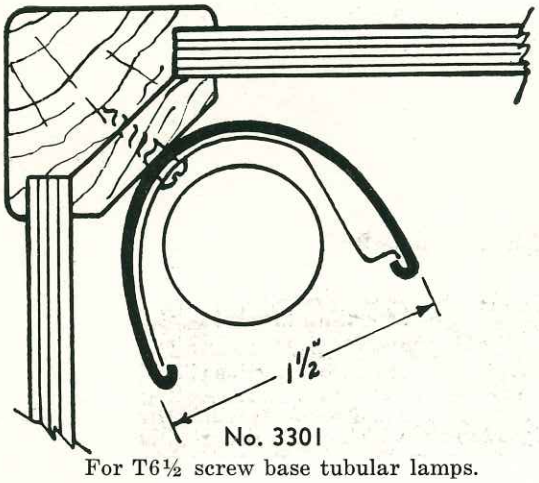


HINGED PORCELAIN SOCKETS

Sockets can be tilted for easy handling of lamps or cleaning in back of lamps. Spring clips hold lamps firmly in place—insure concealment of light source from both customers and clerks.

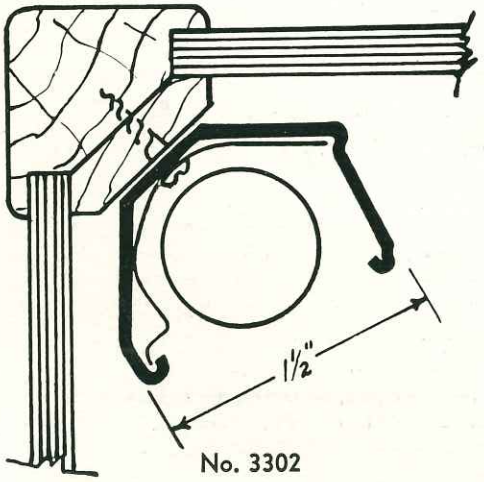
EFFICIENT REFLECTING SURFACE

GAR-LITE, the new processed metal concentrating reflector surface furnishes the highest reflectivity yet available for show case troughs. Light reflection is controlled to spread evenly, and without waste, throughout the show case.



No. 3301

For T6½ screw base tubular lamps.

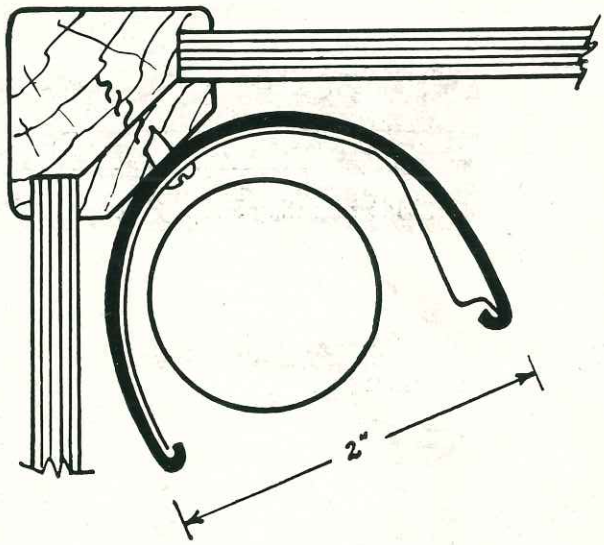


No. 3302

For T6½ screw base tubular lamps.

Sections are actual size

These reflectors are also used in island or wall display cases, particularly, if made with narrow cornice. Larger reflectors for display cases, see page 13.



No. 3196

For T10 or T8 screw base tubular lamps.

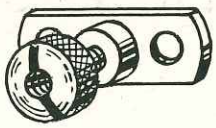
No. 3198

For T6½ screw base tubular lamps.

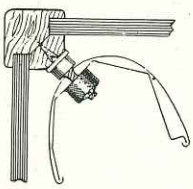
MOUNTING METHODS

SHOW CASE REFLECTORS

MOUNTINGS FOR WOOD FRAME CASES



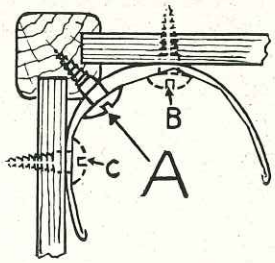
No. 3160 Bolt Plate and Nut



Bolt plates fasten to moulding of case. Bolts project into reflector through screw holes. Nuts are attached to secure reflector in place.

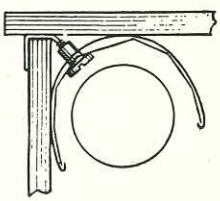
Bolt plates have pin points on back. First attach plates to reflector outside of case. Then place reflector in proper position and press. The pin points will mark exact location on moulding for attaching plates.

STANDARD MOUNTING

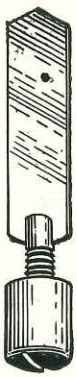


Show case reflectors except where otherwise indicated are furnished with screw holes at A. If screw holes are desired at B or C, please specify when ordering.

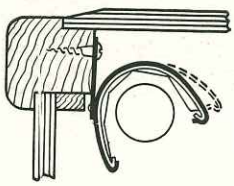
MOUNTINGS FOR ALL GLASS CASES



No. 3140 Screw Strap



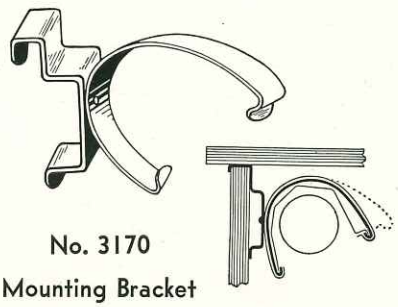
Cap and strap screw together through screw holes in reflector. Straps are inserted between front and top glass and bent down to secure reflector firmly.



No. 3159 Mounting Bracket

Snap-in type. Regularly furnished for moulding as shown. If wanted for other styles of moulding, furnish sketch.

Snap-in brackets are available for any reflector on pages 4 to 9. When ordering, specify catalog number of bracket and state reflector on which it is to be used.



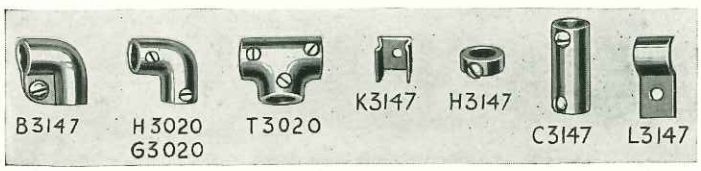
No. 3170 Mounting Bracket

No. 3146 Mounting Strap

Screw to wood at convenient point, then bend around reflector to hold same at angle desired.

Snap-in type. For new cases, clips should be installed before cases are assembled. For existing cases, place X before number and brackets will be furnished with straight top lip, which can be inserted between glass plates and then bent down over front glass. Also furnished for slope front case. When ordering, state degree of slope.

CONNECTORS AND FITTINGS



No. G3020. Elbow (3/8" tubing to 5/16" flexible conduit).

No. H3020. Elbow (3/8" tubing both ends).

No. T3020. Tee (3/8" tubing all around).

No. B3147. Elbow (3/8" tubing or 5/16" flexible conduit, to same).

No. C3147. Connector (3/8" tubing to 5/16" flexible conduit).

No. H3147. Collar (support down tube at floor of case).

No. K3147. Spring clip (holds tubing in place against moulding).

No. L3147. Clip (holds flexible conduit in place).

WIRING PLANS

SHOW CASE REFLECTORS TO SWITCH

Wiring plans include all parts numbered on illustrations necessary to carry wire from reflector elbow to switch box, complete with wire. Switch, plate, box and wiring from switch to house feed are not included.

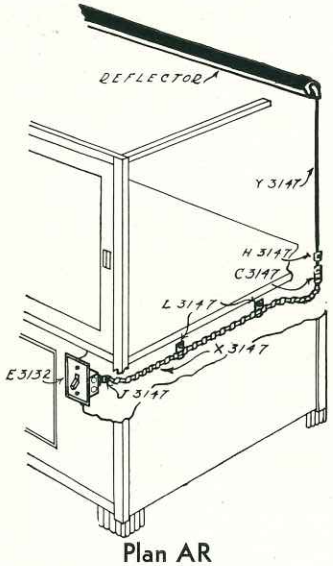
Parts only—

Wire and conduits, see page 11.

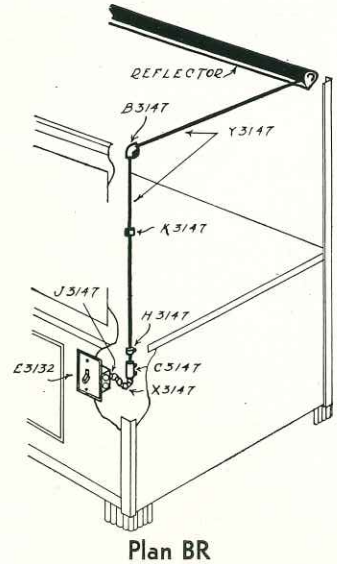
Show case connectors and fittings, see preceding page.

Switches, plates and boxes, see page 11.

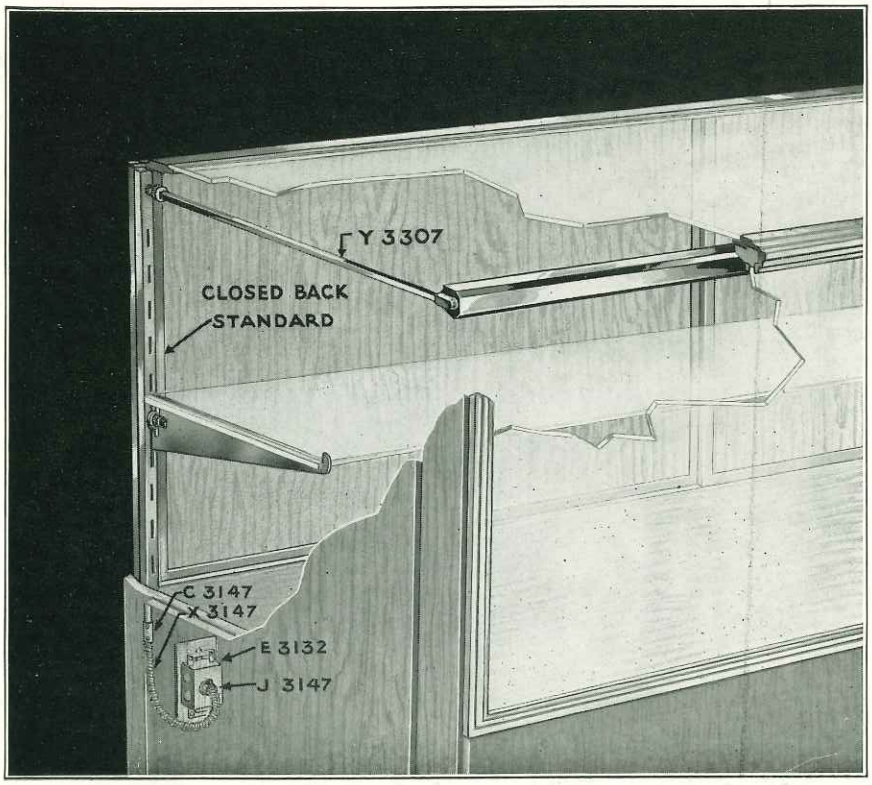
Switch box connectors, see page 11.



Plan AR



Plan BR



Plans CR and CS

WIRING PLANS

Plan CS

Feed wires are carried in $\frac{5}{16}$" square tubing (No. Y3307) from front to rear of case, then through closed back standard and flexible conduit (No. X3147) to switch box.

When ordering, state inside depth and height of case. Flexible conduit furnished 9" long unless otherwise ordered.

Plan CR

This plan is same as plan CS except that $\frac{3}{8}$" round tubing (No. Y3147) is furnished instead of the square tubing.

Plan AR

This plan brings the feed wires down the front corner of the case through $\frac{3}{8}$" round tubing (No. Y3147), and back under the floor of the case through flexible conduit (No. X3147) to the switch box.

When ordering, state inside height of case. Flexible conduit furnished 30" long unless otherwise ordered.

Plan BR

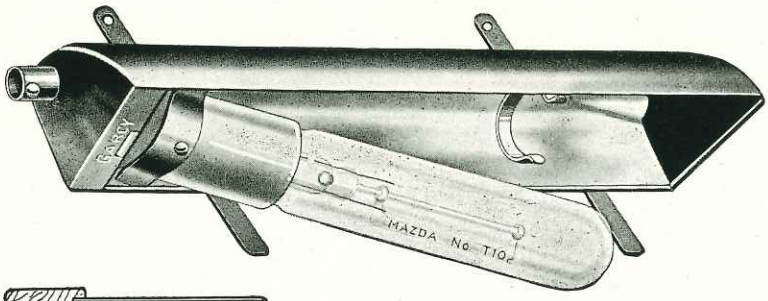
Feed wires are carried back across the end of case and down the rear corner through $\frac{3}{8}$" round tubing (No. Y3147), then through flexible conduit (No. X3147) to the switch box.

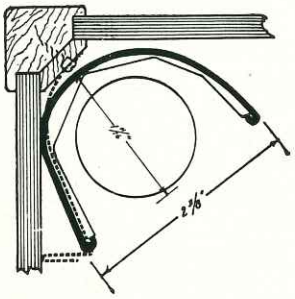
When ordering state inside length and height of case. Flexible conduit furnished 9" long unless otherwise ordered.

ONE-LITE REFLECTORS

FOR SCREW BASE TUBULAR LAMPS

With hinged sockets for easy relamping and cleaning.
Spring clips prevent lamps from drooping.



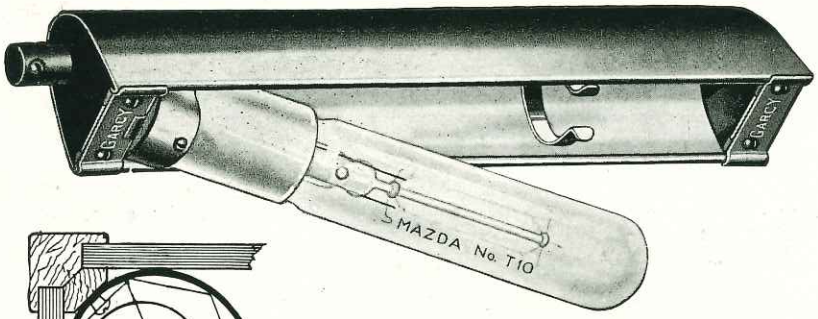


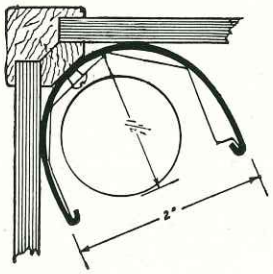
Section is ½ size

No. 3001

8¼" long with socket for standard base lamp.

Also furnished with socket for intermediate base lamp. Mounting straps permit attachment in either wood frame or all glass case.



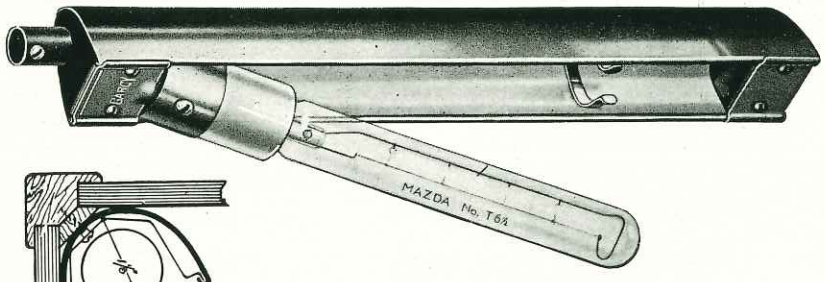


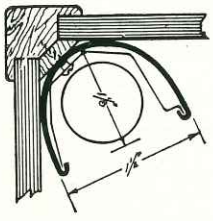
Section is ½ size

No. 3147

8¼" long with socket for standard base lamp.

Also furnished with socket for intermediate base lamp. Has screw holes for attachment.





Section is ½ size

No. 3304

9" long with socket for intermediate base lamp.

Has screw holes for attachment.

SPECIFICATIONS

EXTERIOR: Made of steel, statuary bronze plated. Also furnished of steel, any sprayed or plated finish, or brass plated finishes.

REFLECTING SURFACE: GAR-LITE, a processed metal reflector of high efficiency is standard. Chromium and other reflecting surfaces are available. See list on page 4.

HANGING METHODS: Reflectors have screw holes or straps as illustrated. Other types of hangers, see page 6.

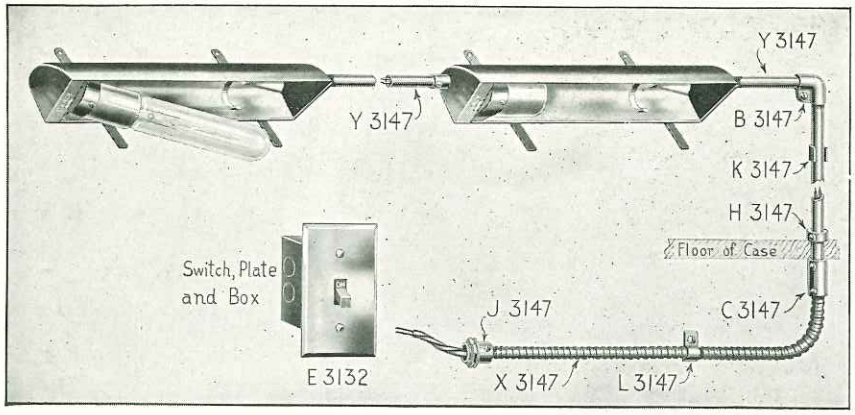
WIRING: Reflectors are furnished unwired, unless otherwise specified. If wire is wanted, state length required at each end.

ELECTRICAL CONNECTION: Reflectors have nipples at each end to connect ⅜" tubing. Also furnished with larger nipple for ⅜" flexible conduit, if required.

WIRING PARTS: Conduits, wire and fittings, see pages 6 and 11.

ONE-LITE ASSEMBLIES

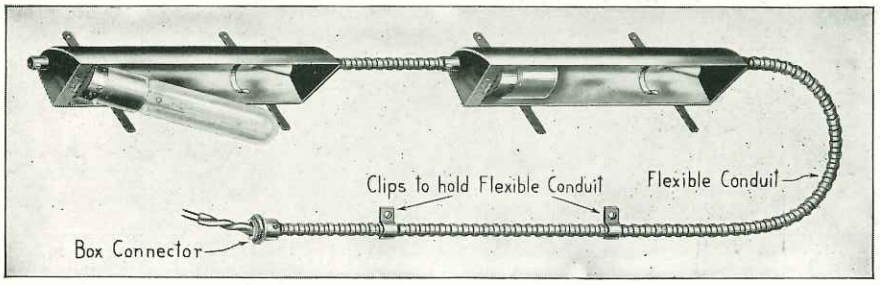
Assemblies of the One-Lite reflectors, shown on preceding page, in complete sets, assembled and wired with fittings.



SHOW CASE ASSEMBLY

With wiring plan "A". Reflectors connected with rigid tubing, wired and assembled complete as illustrated. Lamps not included. Other wiring plans, see page 7.

Assembly Nos.	SC3001	SC3147	SC3304
With Reflector Nos.	3001	3147	3304



WALL CASE ASSEMBLY

With wiring plan "D". Reflectors connected with flexible conduit, wired and assembled complete as illustrated. Switch or lamps not included.

Assembly Nos.	WC3001	WC3147	WC3304
With Reflector Nos.	3001	3147	3304

Wall case assemblies are furnished with 3 feet of wired flexible conduit from last reflector. Can be furnished with additional conduit and wire, if specified.

HOW TO ORDER COMPLETE ASSEMBLIES

1. State correct catalog number, which indicates whether show case or wall case assembly is required, and the style of reflector to be used.

2. Give inside length of case. If show case assembly, also state inside height and depth.

3. State number of reflectors desired in assembly.

4. Check specifications for reflectors on preceding page. State any changes required from standard specifications.

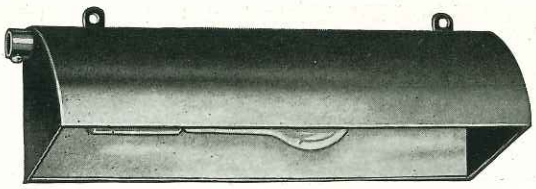
5. If wiring plan other than "A" or "D" shown on this page is required please state.

The following table may be used for determining the number of One-lites to be used in any size case to obtain adequate illumination. It represents combinations most frequently used.

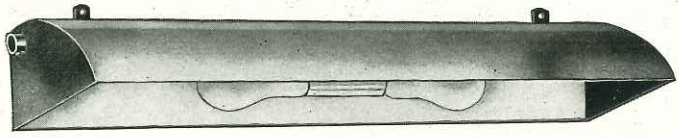
Length of case, ft.	2	3	4	5	6	7	8	9	10	11	12
Number of lights	1	1	2	2	2, 3	3	3, 4	4, 5	4, 5	4, 5	4, 5, 6

ONE-LITE AND TWO-LITE REFLECTORS

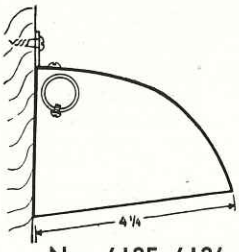
FOR STANDARD LAMPS



No. 6125 One-lite Reflector



No. 6156 Two-lite Reflector



Nos. 6125, 6126

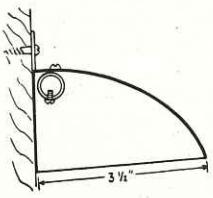
For lamps up to 75 watts

No. 6125

9" Reflector, single socket

No. 6126

18" Reflector, twin socket



Nos. 6155, 6156

For lamps up to 40 watt

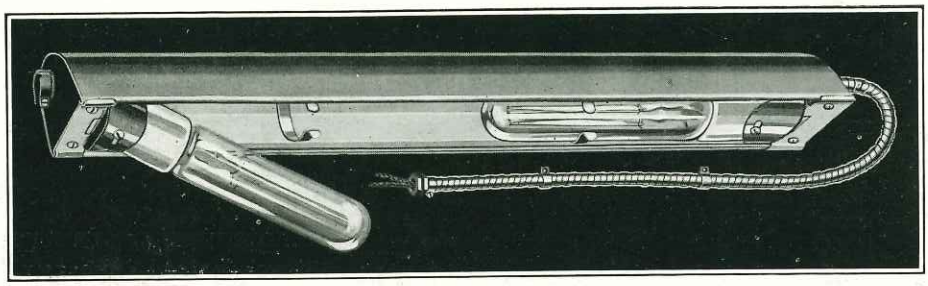
No. 6155

9" Reflector, single socket

No. 6156

18" Reflector, twin socket

FOR SCREW BASE TUBULAR LAMPS



Unwired Reflectors	With 3 ft. Flexible conduit and wire from one end	Sockets	Face	Height
No. 3049	**No. P3049**	Standard	2 "	1½"
No. 3046	**No. P3046**	Intermediate	2 "	1½"
No. 3037	**No. P3037**	Intermediate	1½"	1⅛"

NOTE: These reflectors are similar to the One-Lite Reflectors, Nos. 3147, 3304, on page 8.

SPECIFICATIONS

EXTERIOR: Steel, statuary bronze spray finish. Also furnished of brass or in other finishes.

REFLECTING SURFACE: Chromium is standard. GARLITE, porcelain and others are available. See list on page 4.

WIRING: Furnished unwired except where otherwise noted, or order specifies "wired". If wire is wanted state length required at each end.

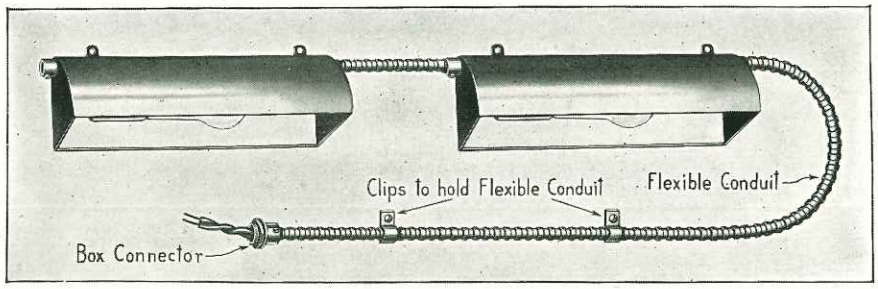
ELECTRICAL CONNECTION: Fittings each end to connect ⅜" flexible conduit. Also furnished with connection for $\frac{5}{16}$" flexible conduit or ⅜" tubing.

WIRING PARTS: Conduits, wire and fittings, see pages 6, 11.

COMPLETE REFLECTOR ASSEMBLIES

WITH REFLECTORS SHOWN ABOVE

When ordering state number of reflectors and inside length of case.

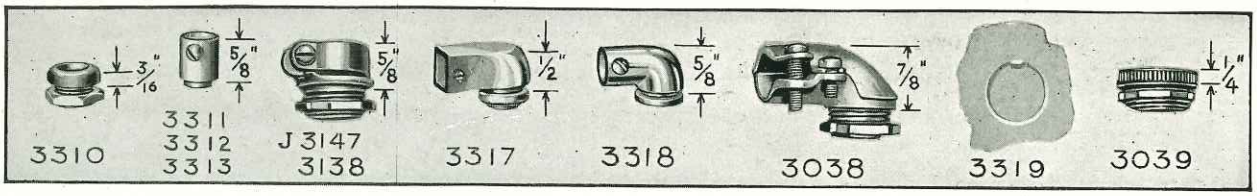


WALL CASE ASSEMBLY

With wiring plan "D". Reflectors connected with flexible conduit, wired and assembled complete as illustrated. Switch or lamps not included. Other wiring plans, see page 7. Furnished with 3 feet of wired flexible conduit from last reflector. Additional conduit and wire furnished if specified.

Assembly Nos.	**WC3046**	**WC3037**	**WC3049**	**WC6125**	**WC6126**	**WC6155**	**WC6156**
With Reflector Nos.	3046	3037	3049	6125	6126	6155	6156

FITTINGS, CONDUITS, SWITCHES

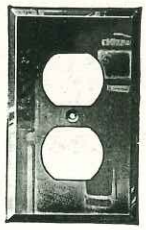


No. 3038. Squeeze elbow for ⅜" flexible conduit.
No. 3039. Cap to close opening in end of reflector.
No. 3138. Squeeze connector for ⅜" flexible conduit.
No. J3147. Squeeze connector for 5/16" flexible conduit.
No. 3310. ⅜" bushing for cloth covered wire. Other sizes can be had.
No. 3311. Set screw sleeve connector for ⅜" round tubing.
No. 3312. Set screw sleeve connector for 5/16" flexible conduit.
No. 3313. Set screw sleeve connector for ⅜" flexible conduit.
No. 3317. Set screw elbow for 5/16" square tubing.
No. 3318. Set screw elbow for ⅜" round tubing.
No. 3319. ½" knockout. Specify location desired.

FACE PLATES WITH SWITCHES, RECEPTACLES, OUTLET BOXES

The face plates shown are furnished complete with switches, convenience receptacles, and outlet boxes as listed.

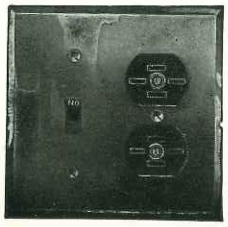
No. A3132
With double pole toggle switch.



No. B3132
With duplex convenience receptacle.

No. E3132
With single pole toggle switch.

Complete with outlet box 2"x3"x2¾" deep.



No. C3132
With double pole toggle switch, duplex convenience receptacle and outlet box 3¾"x3"x2¾" deep.

No. D3132
With double pole toggle switch, single convenience receptacle and outlet box 2"x3"x2¾" deep.

Any of these items can be furnished with shallow outlet boxes, 2" deep, if desired.

POLARIZED 3-WIRE RECEPTACLES WITH MALE AND FEMALE PLUGS

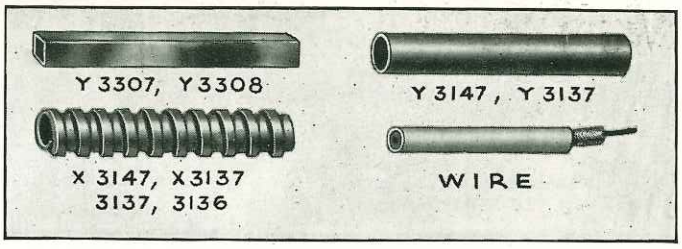
Approved by Fire Underwriters

Blueprints on request

No. 4242
A complete set for connecting show case to house outlet.

No. 4243
A complete set for connecting one show case to another.

WIRE AND CONDUITS



RIGID CONDUITS

Dimensions are outside diameter

No. Y3137. ⅜" round brass tubing, unwired.
No. Y3147. ⅜" round brass tubing with No. 18 wire.
No. Y3307. 5/16" square brass tubing, unwired.
No. Y3308. 5/16" square brass tubing with No. 18 wires.

FLEXIBLE CONDUITS

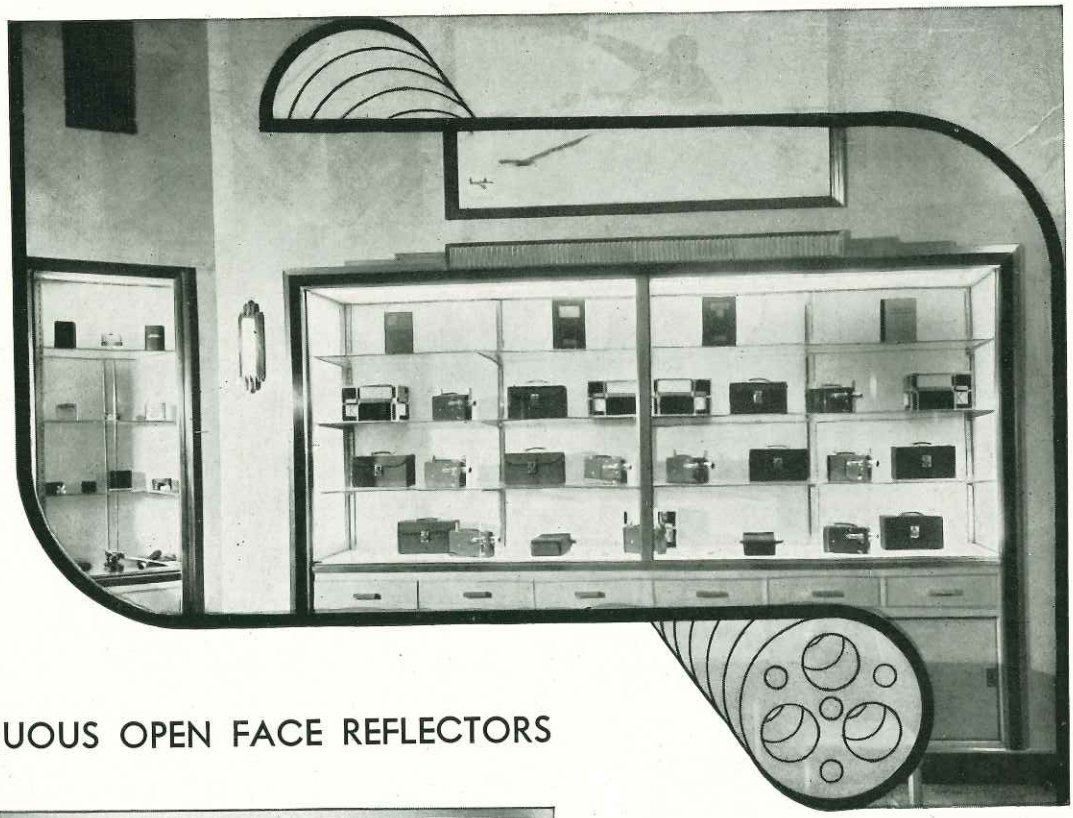
Dimensions are inside diameter

No. 3136. ⅜" flexible conduit with No. 14 wire.
No. 3137. ⅜" flexible conduit, unwired.
No. X3137. 5/16" flexible conduit, unwired.
No. X3147. 5/16" flexible conduit with No. 16 wire.

SLOW BURNING, ASBESTOS COVERED WIRE

No. 12 wire. Stranded, black or white.
No. 14 wire. Stranded, black or white.
No. 16 wire. Stranded, black or white.
No. 18 wire. Single, black or white.

CONTINUOUS WALL CASE REFLECTORS



A typical wall case installation

Eastman Kodak Store, New York, N. Y.

CONTINUOUS OPEN FACE REFLECTORS

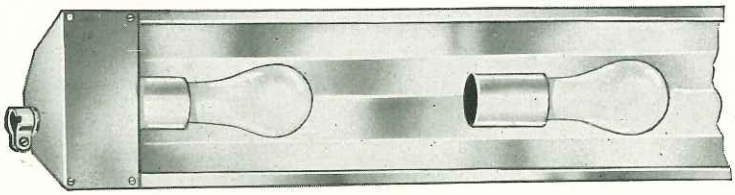


Illustration shows typical construction of reflectors listed on next page.

SPECIFICATIONS — CONTINUOUS REFLECTORS

Applying to Reflectors on next page

EXTERIOR: Made of steel. Can also be furnished in brass.

FINISH: Aluminum spray on steel is standard. Any spray, lacquer or plated finish can be furnished.

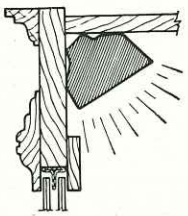
REFLECTING SURFACE: Chromium is standard. Other reflecting surfaces can be furnished. See list on page 4.

SOCKETS: Single porcelain sockets are standard. Can also be furnished with twin sockets.

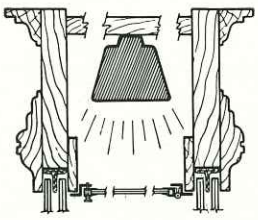
SOCKET SPACING: Single sockets spaced 18" on centers. Any other spacing can be furnished.

WIRING AND CONNECTIONS: Reflectors are completely wired with 3 ft. lead, straight connector for ⅜" flexible conduit and wiring chamber at one or both ends, as required. Can also be furnished with elbow connectors instead of straight.

SWITCHES OR HINGED DOORS: See page 14.



Asymmetric reflectors are usually placed at the front of case, since they are designed to project the light straight down and toward the back.



Symmetric reflectors can be set back as far as the center of the case, since the reflected light is equally distributed. Where lamps cannot be concealed from normal view as in island cases, reflectors may be:

1. Equipped with hinged diffusing glass doors attached directly to reflector housing. See illustration top of page 14.
2. Reflectors may be set into a recess and a GARCY hinged frame with diffusing glass (No. 6024, page 14) used to close the opening.

CONTINUOUS REFLECTORS

FOR WALL CASES, ISLAND CASES, ETC.

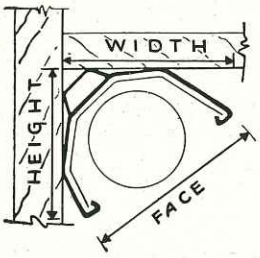
Specifications, see preceding page

For cases with narrow cornice, use reflectors on page 5

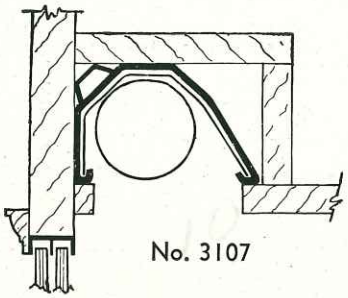
STANDARD SIZES

Any other shape or size can be furnished

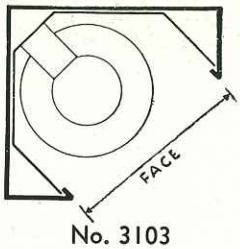
No.	Face	For Standard Lamps Up to	Dimensions	
			Height	Width
N3050	3½"	60 watt	3"	3½"
P3050	4"	100 watt	3½"	4¼"
Q3050	5"	200 watt	4⅞"	5¼"
T3079	5"	60 watt	5½"	5"
V3079	5"	100 watt	6¾"	5"
W3079	5"	200 watt	7¾"	5"
W3102	4"	100 watt	3½"	4"
Q3102	5"	200 watt	4"	5"
R3102	6"	200 watt	4½"	6"
S3102	8"	200 watt	4½"	8"
W3103	4"	100 watt	4"	4½"
P3107	4'	60 watt	2½"	4"
U3107	4½"	100 watt	3⅛"	4½"
Q3107	5"	200 watt	4"	5"
R3107	5½"	200 watt	4"	5½"
N6108	3½"	60 watt	3½"	3½"
P6108	4"	100 watt	4"	4"
Q6108	5"	200 watt	4½"	5"
R6108	6"	200 watt	5"	6"
S6108	8"	200 watt	5"	8"
N6109	3½"	60 watt	3½"	3½"
P6109	4"	100 watt	4"	4"
Q6109	5"	200 watt	4½"	5"
R6109	6"	200 watt	5"	6"
S6109	8"	200 watt	5"	8"
N6110	3½"	60 watt	3½"	3½"
P6110	4"	100 watt	4"	4"
Q6110	5"	200 watt	4½"	5"
R6110	6"	200 watt	5"	6"
S6110	8"	200 watt	5"	8"
N6515	4½"	60 watt	3⅜"	5¼"
P6516	3½"	100 watt	4"	5"



No. 3050

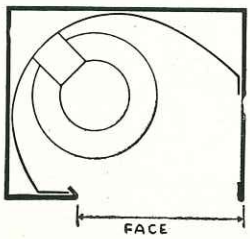


No. 3107



No. 3103

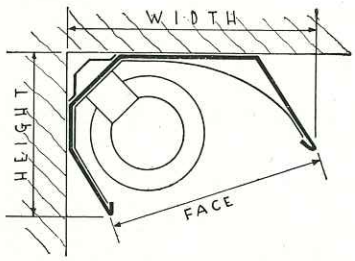
FOR MIRROR BACK CASES



No. 6516

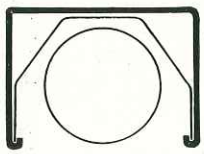
Reflector is designed to prevent reflection of lamps from being visible in mirror back of average size wall cases from ordinary viewing angles. Blue print showing application furnished on request.

FOR HIGH, SHALLOW WALL CASES

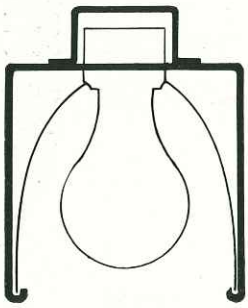


No. 6515

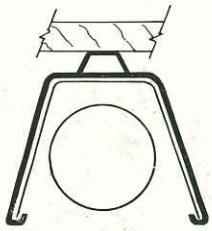
This reflector is most efficient for high and shallow wall cases, as most of the light is projected directly down.



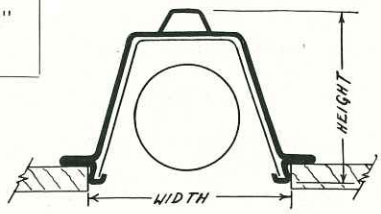
No. 3102



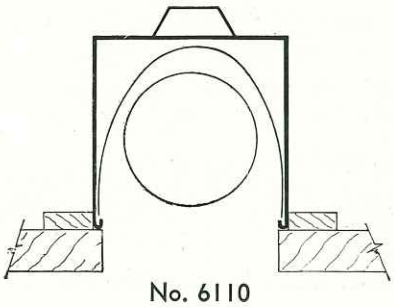
No. 3079



No. 6108

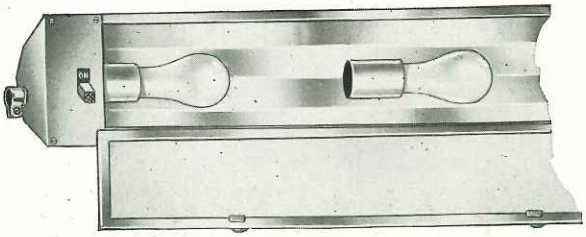


No. 6109



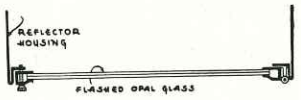
No. 6110

HINGED DOORS FOR CONTINUOUS REFLECTORS



ATTACHED TO REFLECTORS

Any continuous reflector can be furnished with hinged doors and glass, (No. 6021, illustrated below) attached to reflector as shown.



Section
Shows hinged door attached to reflector housing.

SWITCHES

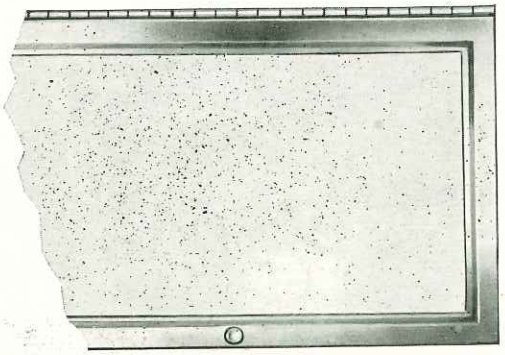
Toggle switch (as illustrated) or levolier pull-chain switch can be furnished built into reflector, if desired.

When ordered with hinged doors, all reflectors on page 13, that are listed for lamps up to 60 or 100 watt (except Nos. T3079, V3709 and P6516) should be used with tubular lamps only.

If standard lamps (up to 60 watt) are to be used, these reflectors must be made deeper. Blue prints showing changed dimensions furnished on request.

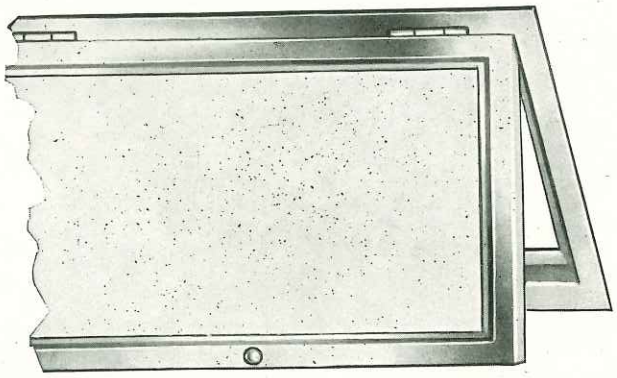
HINGED DOORS FOR RECESS ATTACHMENT

Strongly constructed, with provision for easy insertion or removal of glass. Made any size.



No. 6021

Doors with hinges, for wood recess.
Complete with glass, screw catches and strikes.



No. 6024

Doors with "Z" angle finishing frame.
Complete with glass and screw catches.

Section shows application of No. 6024 frame for wood opening.

Applications for plaster openings see page 67.

SPECIFICATIONS — HINGED DOORS

FINISHES: Standard finish is brass, statuary bronze plated. Also furnished in steel, any lacquer spray or plated finish; brass, any plated finish; or nickel silver, satin or polished finish.

GLASS: Flashed opal glass is standard equipment. Can also be furnished with any other type of flat glass, such as sand blasted, dense opal, colored, Pyrex heat-resisting, daylight color-correction or special glasses such as moulded picture plaques, Holophane controlenses, etc. For the special glass, frames are generally made from flat channels or stamped from sheet metal. Types of glass, see pages 66, 67.

HINGES: Frames are furnished with either continuous hinges or with individual hinges as illustrated on No. 6024 above. Continuous hinges are furnished unless otherwise specified.

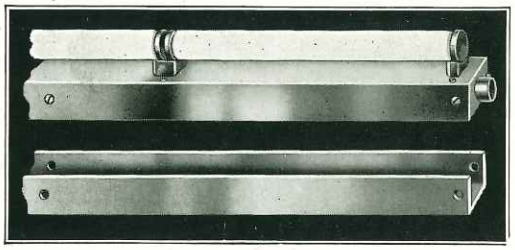
CATCHES: Catches are a new type that cannot be dropped out or lost.

WIREWAYS AND SOCKETS

Nested channel wireways, aluminum sprayed finish. Any lengths, with sockets for lumiline or screw base lamps, spaced as required. Ends are closed and fitted with B.X. connector. Regularly furnished unwired.

FOR LUMILINE LAMPS

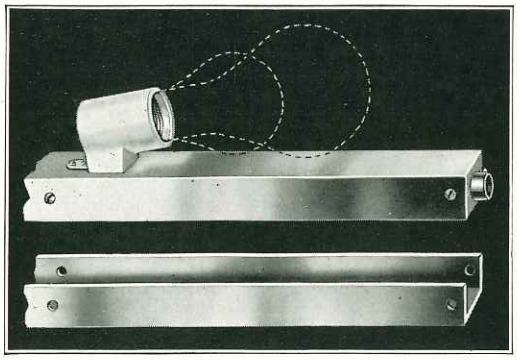
With snap-in disc sockets



No.	Width	Height
6863	1¾"	1⅜"
6867	1¾"	⅝"

SOCKET SPACING: Sockets are furnished for 18" lamps, 18" on centers unless otherwise specified. Also available for 12" lamps, 12" on centers. A minimum of 1" should be allowed beyond first and last lamp for wiring connection.

FOR SCREW BASE LAMPS



Wireways with special porcelain angle sockets, which permit any size screw base lamp to fit close to wireway. For lamps up to 200 watt.

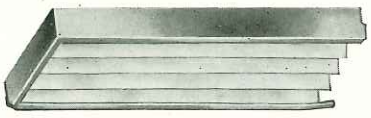
No.	Width	Height
6864	1¾"	1⅜"
6865	1¼"	⅝"

SOCKET SPACING: Sockets are spaced 18" on centers unless otherwise specified.

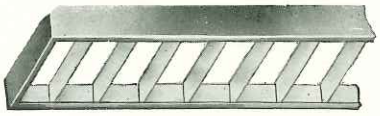
HINGED LOUVER SCREENS

Instead of the frames and glass shown on preceding page, various types of louver screens may be used with any GARCY reflector or with the wireways shown here.

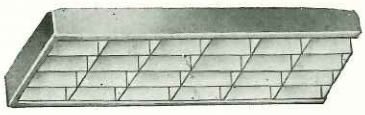
Louver screens are furnished any size, hinged or stationary, attached to reflectors or separate for attachment to recess opening.



No. 6383
Longitudinal louver screen

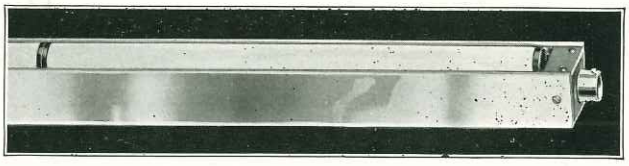


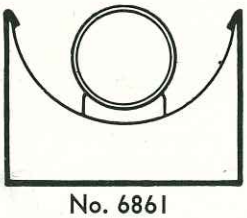
No. 6384
Crosswise louver screen



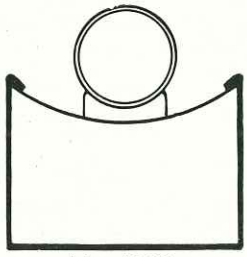
No. 6385
Lattice louver screen

STRIP REFLECTORS
FOR LUMILINE LAMPS





No. 6861



No. 6862

Nos. 6861, 6862
Strip Reflectors

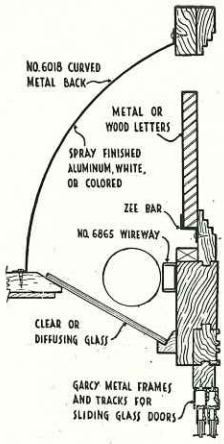
2½" wide, 1$\frac{13}{16}$" high

GAR-LITE reflecting surface, steel channels, aluminum sprayed. Furnished wired with wiring chambers and B.X. connector at each end.

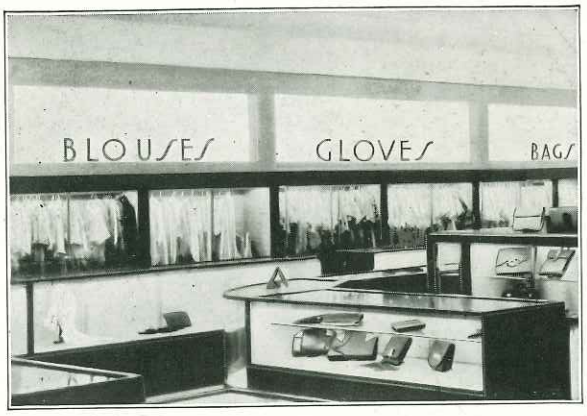
SOCKET SPACING: Sockets are furnished for 18" lamps, 18" on centers unless otherwise specified. Also available for 12" lamps, 12" on centers. Allow 1" at each end for wiring chambers.

LIGHTING SILHOUETTE SIGNS

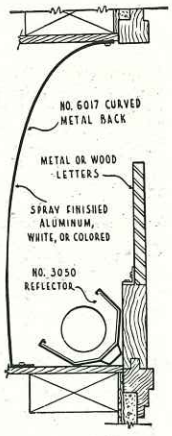
GARCY can furnish all types and sizes of metal letters in addition to the reflectors and metal fittings for this type of sign.


NO. 6018 CURVED METAL BACK
METAL OR WOOD LETTERS
SPRAY FINISHED ALUMINUM, WHITE, OR COLORED
ZEE BAR
NO. 6865 WIREWAY
CLEAR OR DIFFUSING GLASS
GARCY METAL FRAMES AND TRACKS FOR SLIDING GLASS DOORS

Lighting sign boxes and wall case



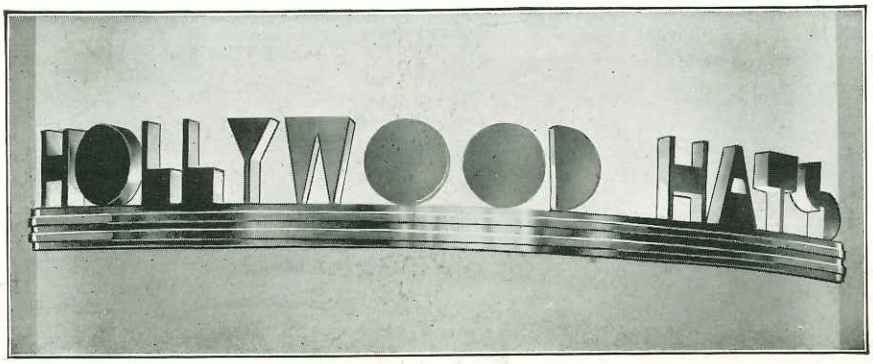
Lighting a sign box



No. 6018 background furnished any size or length required. No. 6865 and other wireways, see preceding page.

The sections illustrate two methods of illuminating this type of sign. Sections are ⅛ actual size.

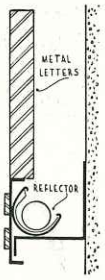
No. 6017 background furnished any size or length required. No. 3050 reflectors, see page 13. Any of the display case type reflectors shown on pages 4 to 10 or GARCY wireways, page 15, can also be used for this purpose.



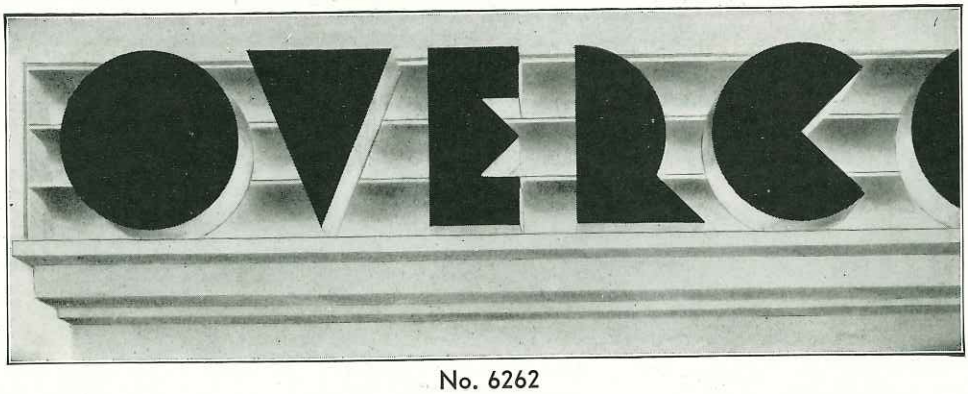
No. 6272

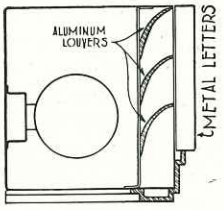
Decorative metal cornice furnished straight or curved as illustrated, with reflector for tubular lamps.

The letters are GARCY alphabet No. 1512, made of sheet metal, any size required.



Section 1½"-1'0"





Section 2"-1'0"

No. 6262

Cornice type lighting reflector with curved louvers of extruded aluminum, indirectly lighted to form a luminous background for the letters.

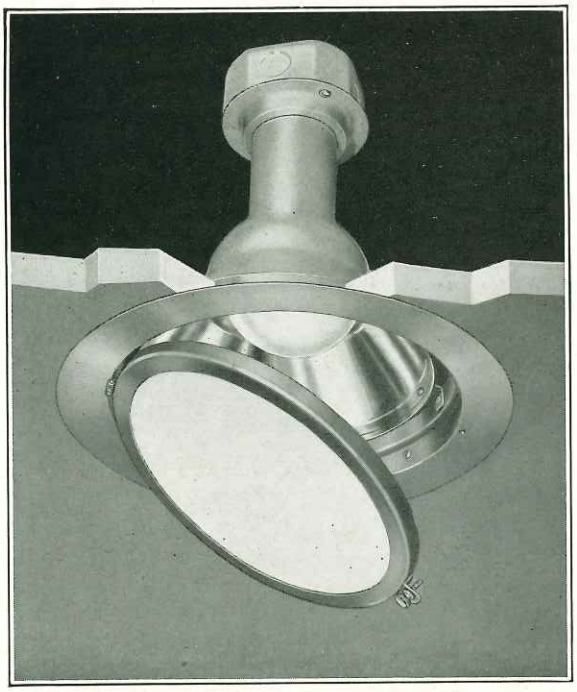
Can also be furnished open or with diffusing glass in bottom or top to project light up or down. The letters are GARCY alphabet No. 1514, made of sheet metal, any size required.

ROUND FLUSH-RECESSED LIGHTS

FOR DISPLAY CASES, SHOW WINDOWS, ETC.

ALZAK-PROCESSED ALUMINUM REFLECTOR AND DIFFUSING GLASS IN HINGED FRAME

Installation and wiring easily accomplished from below openings. Construction same as louver lights on next page



Nos. 6231, 6232, 6233

SCHEDULE OF FIXTURES

Each unit is complete with ceiling flange, hinged frame with glass, reflector, socket and standard junction box.

No.	For lamp, watts	With diffusing glass	Height	Diameter	
				to cut hole	of flange
6231	75,100	Flat opal	8¾"	9¼"	11⅝"
6232	150,200	Flat opal	10⅝"	9¼"	11⅝"
6233	300,500	Dished Pyrex	12¾"	13¼"	15⅝"

GLASS: Nos. 6231, 6232 can also be furnished with flat Pyrex heat-resisting diffusing glass.

FINISHES (Flange and Hinged Frame): Dull Cadmium. Any other finish can be furnished.

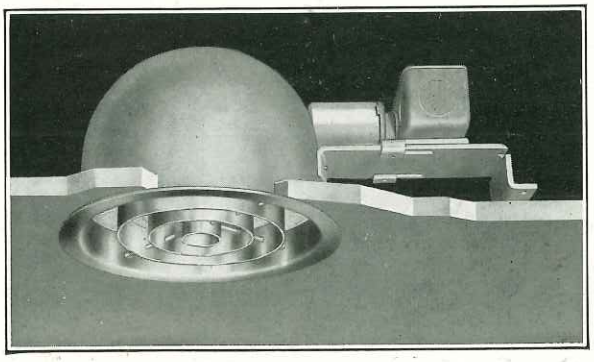
FOR PLASTER CEILINGS

Separate plaster rings can be furnished for installation when lathing is done. Not included in price of fixtures.

LOUVER REFLECTORS WITH ADJUSTABLE SOCKETS

Flanged louver rings attach directly to reflectors—are easily removed or replaced with a slight twist of the hand.

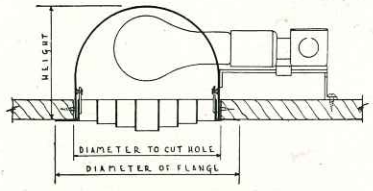
Socket and junction box assembly are mounted with a slide adjustment which permits proper focusing of various size lamps. Set screws hold assembly securely in place.



Nos. 6880, 6881

Frequently used for interior store displays, such as column platforms, display niches, wall cases, etc. Can be recessed into wood openings with limited depth.

SCHEDULE OF FIXTURES



Fixtures consist of aluminum reflector with bracket, socket, junction box and concentric louvers with flange.

No.	Adjustable for lamps	Height	Diameter	
			to cut hole	of flange
6880	60 to 100 W.	4¾"	6-1/16"	8"
6881	100 to 200 W.	5-5/16"	10-1/16"	12"

FINISHES (Flanged Louver Rings): Furnished satin nickel plated. Any other finish can be furnished.

These fixtures also furnished without louver rings. To specify place prefix A before number.

INDIVIDUAL FLUSH-RECESSED REFLECTORS

FOR DISPLAY CASES, SHOW WINDOWS, ETC.
REFLECTORS ARE ALZAK-PROCESSED ALUMINUM

Also see "Flush-Recessed Panels," page 65

OPEN TYPE
Nos. 6765, 6766, 6767

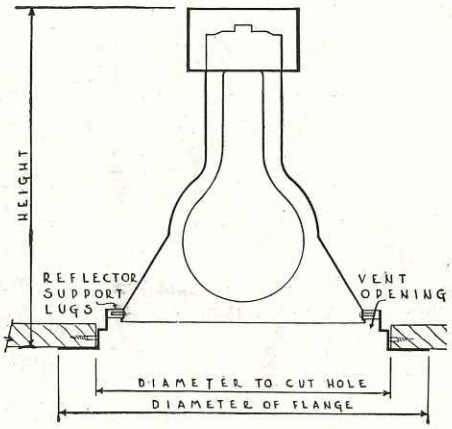
EASY TO INSTALL

Wiring, attachment, and lamping easily accomplished from below. If necessary, reflector can be detached and dropped below ceiling without removing ceiling flange.

FOR PLASTER CEILINGS

Separate plaster rings can be furnished for installation when lathing is done. Not included in price of fixtures.

WITH CONCENTRIC LOUVERS IN HINGED FRAMES
Lamps Are Concealed from View
Nos. 6771, 6772, 6773



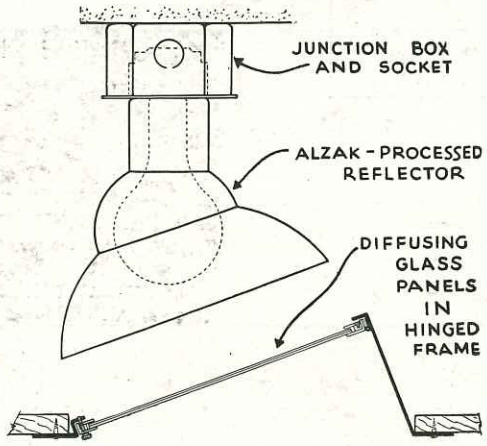
Each unit is complete with ceiling flange (open or with louvers) reflector, socket and standard junction box.
Hinged louver rings can be attached to open units, which come already drilled for the purpose.

Open Type Units	Concentric Louver Units	For Lamp, Watts	Height	Diameter	
				To Cut Hole	Of Flange
6765	6771	*75, *100, 150	8¾"	9¼"	11⅝"
6766	6772	*150, 200	10⅝"	9¼"	11⅝"
6767	6773	300, 500	12¾"	13¼"	15⅝"

*With these lamp sizes, reflectors will give better results if socket extension is used.

FINISHES (Flange and Louvers): Dull Cadmium plated. Any other finish can be furnished.

FOR MOUNTING ABOVE GLASS PANELS



The reflectors shown here are the Nos. 6590 to 6595 listed on the next page.
For this type of application GARCY offers surface mounting knockout boxes with special covers and sockets for attachment to reflectors.

JUNCTION BOXES AND SOCKETS

To fit reflectors listed on next page.

No. 6774
2⅛" high. For reflector Nos. 6590, 6591, 6593, 6594.

No. 6775
3" high. For reflector Nos. 6592, 6595.

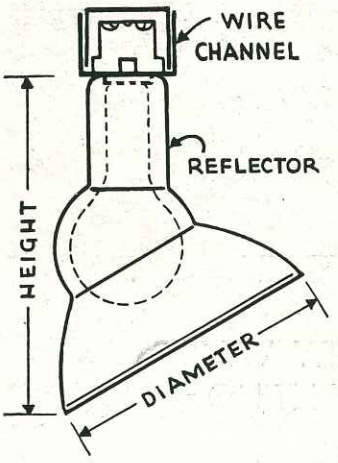
HINGED FRAMES WITH DIFFUSING GLASS

The frame illustrated here consists of a standard GARCY frame (No. 6021, page 14), mounted in a special outer frame. GARCY can furnish every type of glass panel frame complete with any type of glass.

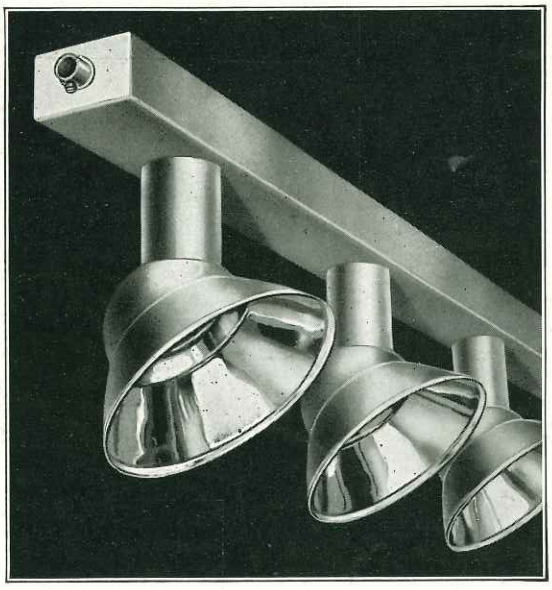
INDIVIDUAL SHOW WINDOW REFLECTORS

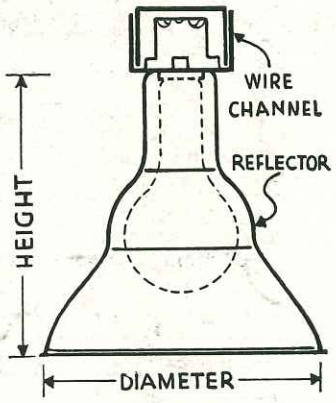
ALZAK PROCESSED ALUMINUM

The ALZAK process provides a metal reflector that is far more efficient than any previously available. These reflectors compare very favorably with the best mirror glass reflectors in efficiency, and will not tarnish, blister, peel or break.



Angle Type Reflectors
Nos. 6590, 6591, 6592





Straight Type Reflectors
Nos. 6593, 6594, 6595

ANGLE TYPE REFLECTORS

No.	For Lamp, Watts	Height	Diameter
6590	*75, *100, 150	7 7/8"	7 5/8"
6591	*150, 200	9 3/8"	7 5/8"
6592	300, 500	11 1/8"	11 3/8"

STRAIGHT TYPE REFLECTORS

No.	For Lamp, Watts	Height	Diameter
6593	*75, *100, 150	6 1/4"	7 5/8"
6594	*150, 200	8 1/8"	7 5/8"
6595	300, 500	9 3/8"	11 3/8"

*With these lamp sizes, reflector will give better results if used with socket extension.

WIRE CHANNELS

Two part, nested channels, any length, with sockets spaced 12" on centers. Any other socket spacing can be furnished. Ends closed and fitted with B.X. connectors. Furnished complete, ready for wiring and attachment of reflectors.

No. 6596

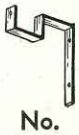
1¾" high, 2½" wide. For reflector Nos. 6590, 6591, 6593, 6594.

No. 6597

2¾" high, 4" wide. For reflector Nos. 6592, 6595.

MOUNTING METHODS

Channels have screw holes for direct ceiling mounting. If preferred, the hangers illustrated here can be used or GARCY can furnish special hangers to provide tilt adjustment of reflectors.



No. 6588

Wall Hangers

No.	For channel
A6588	6596
B6588	6597

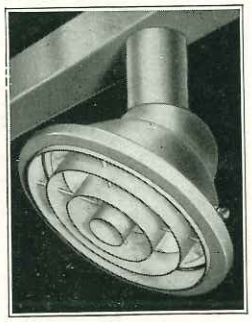
No. 6589

Ceiling Hangers

No.	For channel
A6589	6596
B6589	6597

LOUVER RINGS

For concealing lamps from view. Easily attached to reflectors. Readily detached for lamp changes or cleaning.



No. 6598

8⅞" diameter. For reflector Nos. 6590, 6591, 6593, 6594.

No. 6599

12⅝" diameter. For reflector Nos. 6592, 6595.

SPECIAL FITTINGS

Reflectors can also be furnished with slip rings to hold glass roundels, diffusing white or colored, or gelatin color frames.

ALZAK-PROCESSED WINDOW SPOTLIGHT

Spotlights with screw down base, cord and plug. Base has universal adjustment. Alzak-processed reflector provides maximum efficiency.

No. 7515

For 200 watt lamp. Reflector is 7⅝" diameter.

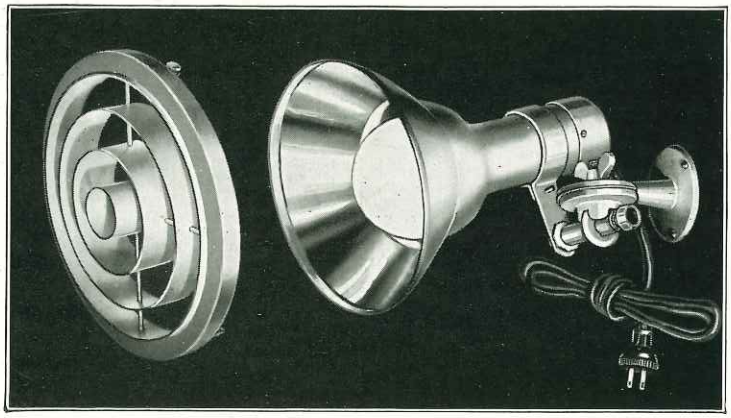
No. 7516

For 300 or 500 watt lamp. Reflector is 11⅜" diameter.

SPILL RINGS

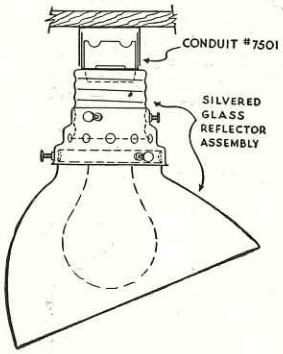
Detachable spill ring. Fits over mouth of reflector. Conceals lamp and confines light to the center beam.

No. 7517. Spill ring for No. 7515 spotlight.
No. 7518. Spill ring for No. 7516 spotlight.



Spotlights can also be furnished with slip ring and colored glass roundel or gelatin color frame.

INDIVIDUAL MIRROR GLASS REFLECTORS



A complete line of mirror glass reflectors with a ten year guarantee against peeling or tarnishing of silvered surface. Adjustable adapters permit change of focus to give best distribution for each window.

Reflectors are complete with sockets, holders and adapters for attachment to No. 7501 wiring channel conduit.

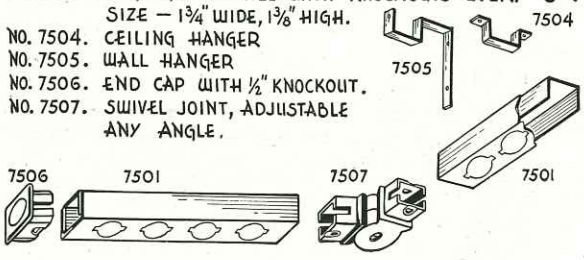
No.	Light Distribution	For Lamps
7510	Wide Spread	150-200 watt
7511	Semi Concentrating	100-150 watt
7512	Semi Concentrating	150-200 watt
7513	Concentrating	100-150 watt
7514	Concentrating	150-200 watt

Reflectors are also furnished with knockout boxes and rings for flush mounting.
Write for blueprint of type desired.

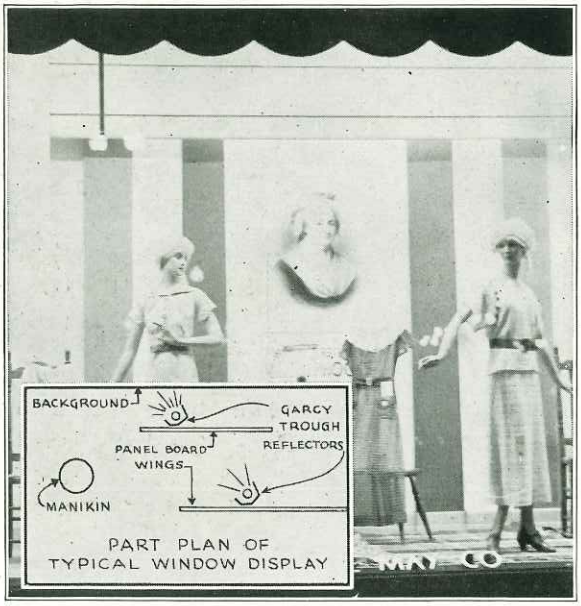
CONDUIT AND FITTINGS

FOR MIRROR GLASS REFLECTORS

NO. 7501. 20 GAUGE CHANNEL WITH KNOCKOUTS EVERY 3". SIZE — 1¾" WIDE, 1⅜" HIGH.
NO. 7504. CEILING HANGER
NO. 7505. WALL HANGER
NO. 7506. END CAP WITH ½" KNOCKOUT.
NO. 7507. SWIVEL JOINT, ADJUSTABLE ANY ANGLE.



AUXILIARY WINDOW LIGHTING



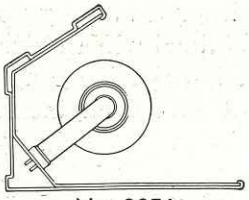
The May Co., Cleveland, O.

Trough reflectors concealed behind wings or other elements of the display provide a convenient means of highlighting backgrounds or special portions of the window display.

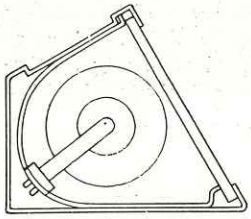
For this purpose, GARCY can furnish any of the show case and wall case troughs, pages 4 to 13; completely wired, with cord and plug connection and suitable mounting clips.

Display managers will appreciate the added punch that can be given to window displays with the aid of reflectors that can be mounted and plugged in where required.

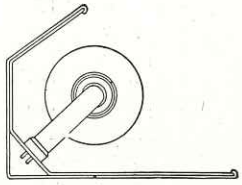
FOOTLIGHT REFLECTORS



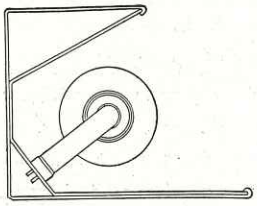
No. 3056



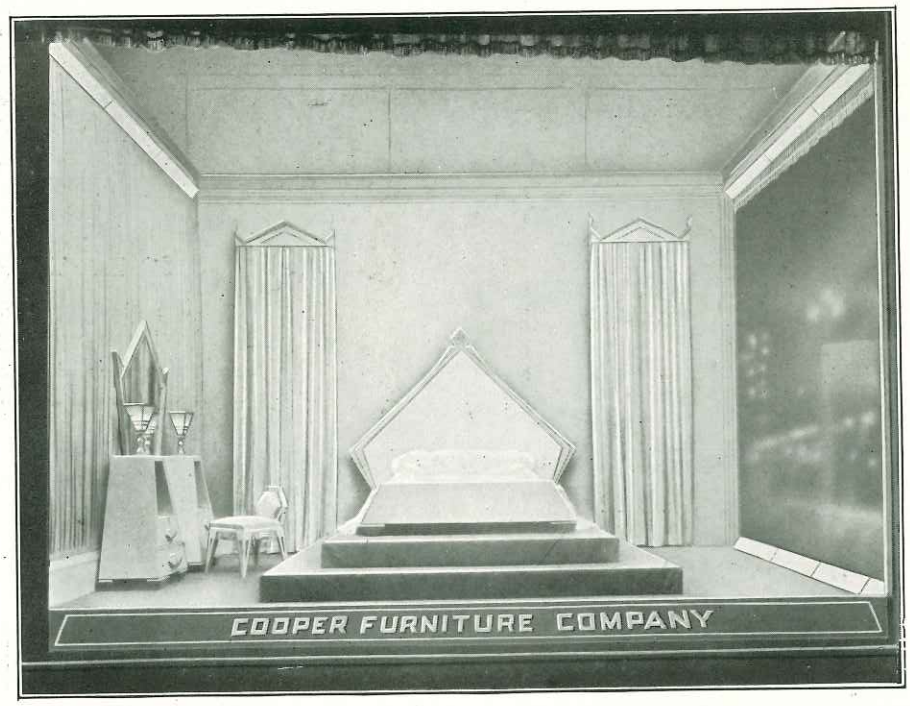
No. 3096



No. 3055

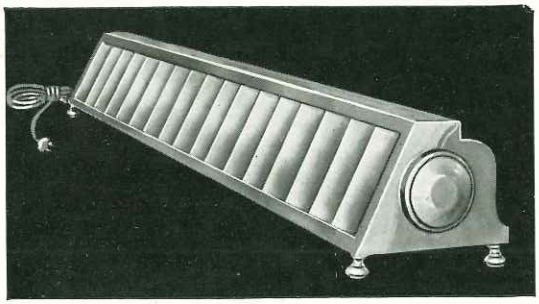


No. 3053



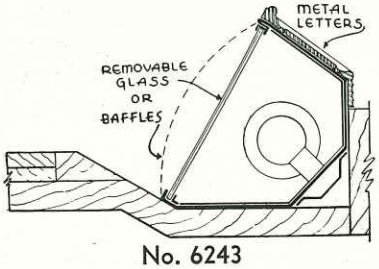
PORTABLE FOOTLIGHTS

Any length—complete with rubber tipped feet, cord and plug.



No. 6240. With removable louver screen.
No. 6241. Open face, without screen.

Name or Trade Mark can be furnished in raised metal letters on any reflector.



No. 6243

Has provision for removable glass face and border moulding of extruded bronze or nickel silver around name panel. Also furnished with baffle plates between lamps, with louver screens, or with Holophane Controlenses.

SCHEDULE OF STANDARD SIZES

Any other size can be furnished.

Any reflector can be furnished with name or trade mark in raised metal letters, removable or hinged glass face, louver screens, or Holophane Controlenses, as required.

No.	For Lamps Up to	Dimensions		Width
		Face	Height	
3053	150 watt	4½"	4 "	5¼"
3055	150 watt	5 "	3¾"	5 "
3056	150 watt	5¼"	4 "	5½"
3096	100 watt	7 "	6 "	5⅝"
6240	100 watt	5 "	4½"	6½"
6241	100 watt	4½"	3⅞"	5½"
6243	150 watt	7 "	6½"	6 "

EXTERIOR: Steel or brass, any finish.

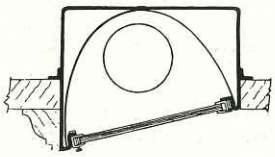
REFLECTING SURFACE: GARLITE.

SOCKETS AND LAMP SPACING: Unless otherwise ordered, reflectors are made with single porcelain sockets spaced 18" on centers. Any other spacing, or twin sockets, can be furnished.

MITERS: Reflectors can be furnished with miter joints or ends. see page 2.

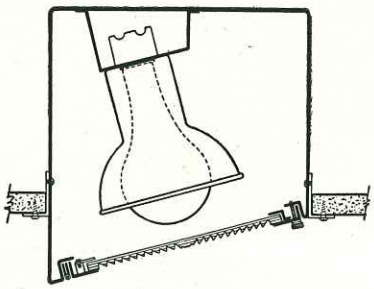
WIRING AND CONNECTIONS: Reflectors are completely wired; portable type with cord and plug, others with 3 ft. lead and straight connector for ⅜" flexible conduit at one or both ends as required. Also furnished with elbow connector instead of straight. Other types of connectors, see page 11.

CONTINUOUS SHOW WINDOW REFLECTORS



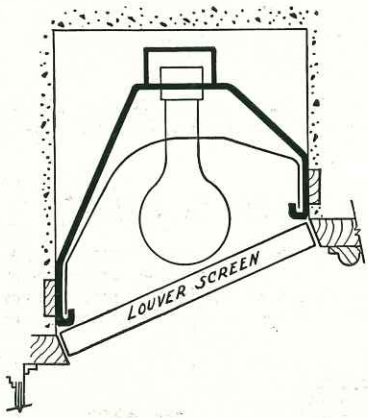
No. 6201

Shown with hinged diffusing glass doors.



No. 6202

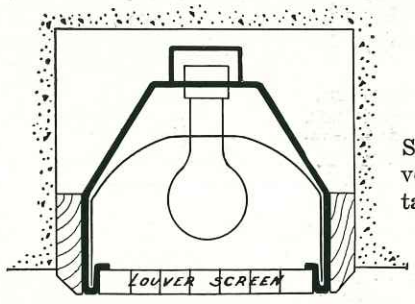
Shown with Holophane controlenses in hinged frame. Holophane lens details, see page 86.



No. 6213

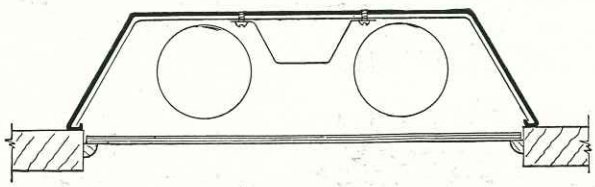
Shown with louver screen separate from reflector.

Louver screens, see preceding page.



No. 6214

Shown with louver screen attached.



No. 6205

Reflector with two rows of lamps.

The reflectors shown are intended as suggestions. Best results are obtained when reflectors are designed to suit the specific conditions they are to meet. GARCY engineers will furnish recommendations without charge or obligation.

SCHEDULE OF STANDARD SIZES

Lamp limits and sizes listed are for open face reflectors without hinged glass doors, Holophane controlenses, louver screens or baffle plates. These are additional and can be furnished with any of these reflectors, if specified. Due allowance should be made for decreased lamp space or increase in reflector sizes where necessary. Consult the GARCY engineering department.

No.	For Standard Lamps up to	Face	Dimensions	
			Height	Width
6201	200 watt	7½"	6"	7¼"
6202	200 watt	11½"	11"	11"
6205	200 watt	15"	4"	15"
P6213	100 watt	9¾"	9¾"	9"
Q6213	200 watt	11½"	11½"	10½"
P6214	150 watt	10"	9½"	10"
Q6214	200 watt	11"	11"	11"

SPECIFICATIONS

EXTERIOR: Made of steel. Also furnished made of brass.

FINISH: Aluminum spray on steel is standard. Any spray, lacquer or plated finish can be furnished.

REFLECTING SURFACE: GAR-LITE, the processed metal reflecting surface, that equals mirror glass in reflectivity, yet is permanent, unbreakable.

HANGERS: Reflectors are furnished with hanging arrangements as illustrated on sectional views, unless otherwise specified. Any other type of hanging can be furnished.

MITERS: Reflectors can be furnished with miter joints or ends. See page 2.

LOUVERS, BAFFLES, LENSES, DIFFUSING GLASS: Louver screens, baffle plates, controlenses or diffusing glass doors can be furnished with any reflector. Not included unless specified.

SOCKETS AND LAMP SPACING: Unless otherwise specified, reflectors are made with single porcelain sockets, spaced 18" on centers. Any other spacing, or twin sockets can be furnished.

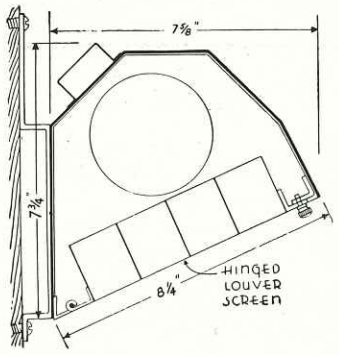
WIRING AND CONNECTIONS: Reflectors are completely wired with 3 ft. lead and straight connector for ⅜" flexible conduit at one or both ends as required. Can also be furnished with elbow connector, instead of straight.

CONTINUOUS SHOW WINDOW REFLECTORS

Specifications same as listed on preceding page

Usually made in sections with miter ends to conform with plan of window, complete with side or ceiling hangers, or arranged for recess, as specified.

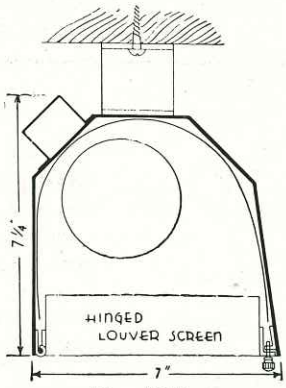
FOR AVERAGE WINDOWS



No. 6215

Shown with No. 6383 longitudinal louver screen.

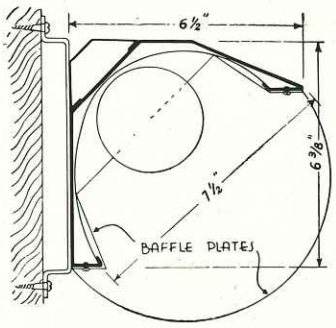
FOR NARROW WINDOWS



No. 6216

Shown with No. 6384 crosswise louver screen.

FOR HIGH BACKGROUNDS



No. 6218

Shown with No. 6382 baffle plates.

Reflectors take standard lamps up to 200 watt. Louver screens or baffle plates are not included unless specified.

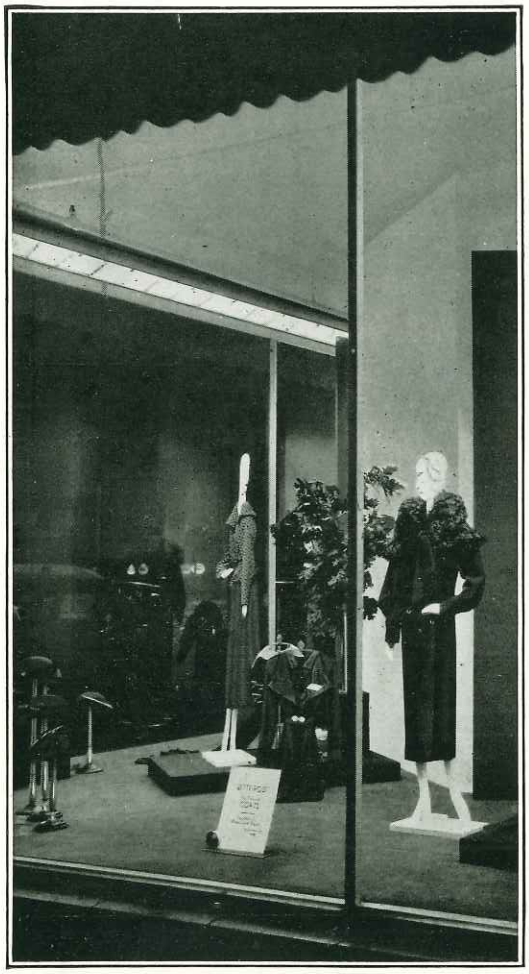
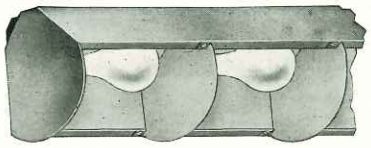


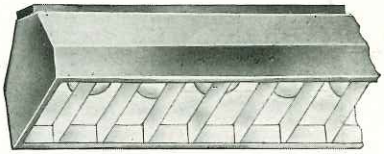
Photo at left shows a corner window of the Boston Store, Milwaukee, Wisc. No. 6215 reflectors with longitudinal louver screens are used.

BAFFLES AND LOUVER SCREENS

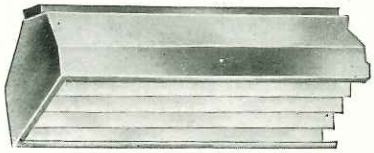
Baffles are furnished stationary, attached to reflectors. Louver screens are usually furnished hinged, attached to reflector. They can also be furnished separate, to fasten into recess opening, or stationary (with removable screws) instead of hinged.



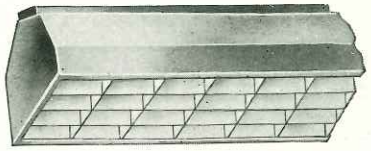
No. 6382
Baffle plates between lamps



No. 6384
Crosswise louver screen



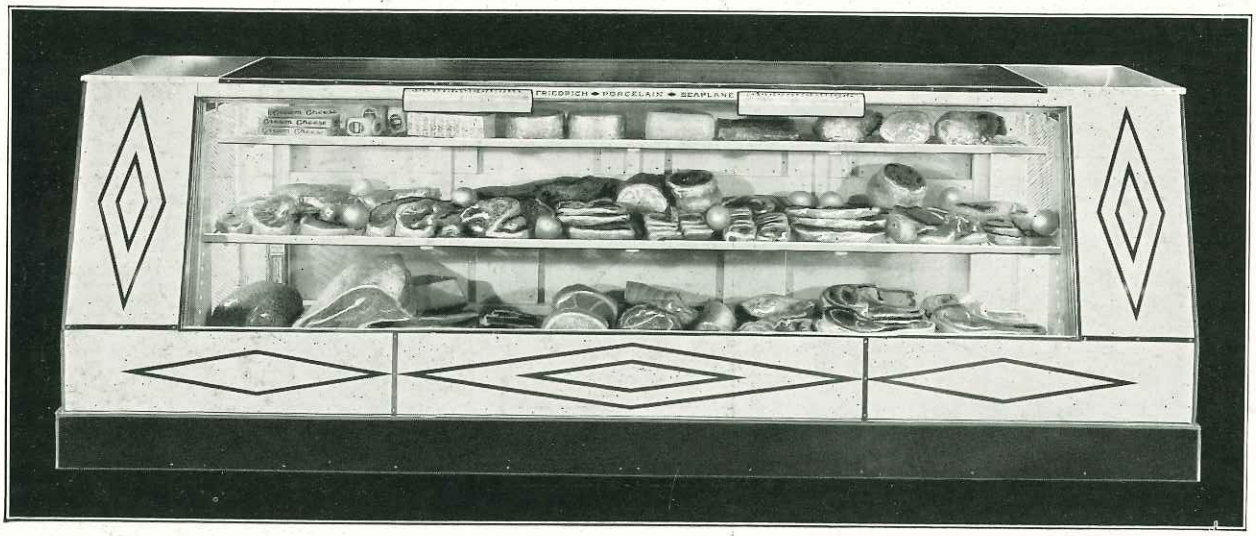
No. 6383
Longitudinal louver screen



No. 6385
Lattice louver screen

FOOD CASE UNIT REFLECTORS

FOR WOOD OR METAL FRAME CASES



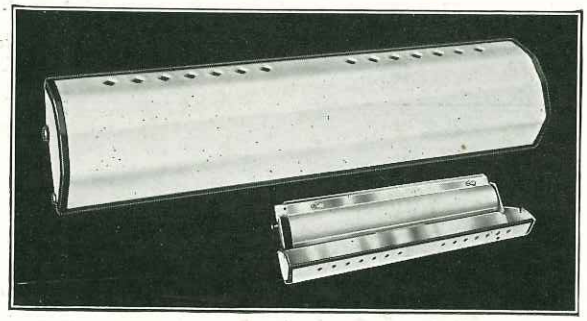
SPECIFICATIONS

EXTERIOR: Nickel or Chromium plate; stainless steel or Monel metal; or porcelain, white, colored or two-tone effects.

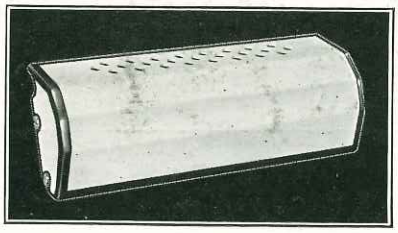
REFLECTOR: Reflectors are chromium. Porcelain or other reflecting surfaces can be furnished. See list on page 4.

WIRING: Reflectors are unwired. Wiring plans and instructions for ordering wired in sets see page 28.

CONNECTIONS: For surface wiring, use 3/8" soft or rigid tubing. For concealed wiring use junction boxes, on page 28.



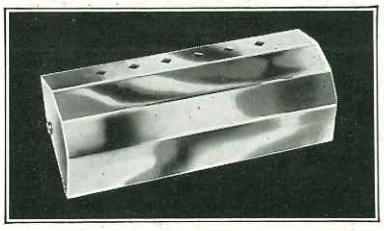
No. A6701. For surface wiring.
No. B6701. For concealed wiring.
15" long, for 2 T10 tubular lamps. Housing hinges down.



No. A6799. For surface wiring.
No. B6799. For concealed wiring.

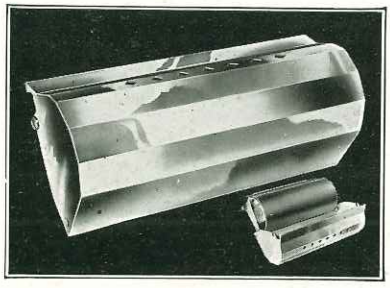
9¼" long, for 1 T10 tubular lamp. Housing hinges down.

8¼" long, for 1 T10 tubular lamp. Housing hinges down.



No. A6700. For surface wiring.
No. B6700. For concealed wiring.

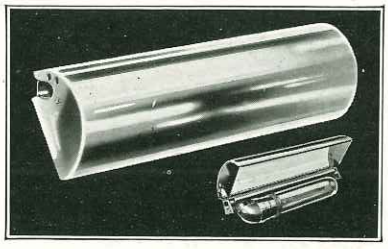
With hinged housing for easy access to interior and lamps



No. A6730. For surface wiring.
No. B6730. For concealed wiring.

9" long, for 1 standard lamp up to 60 watts. Housing hinges down.

8¼" long, for 1 T10 tubular lamp. Housing hinges up.



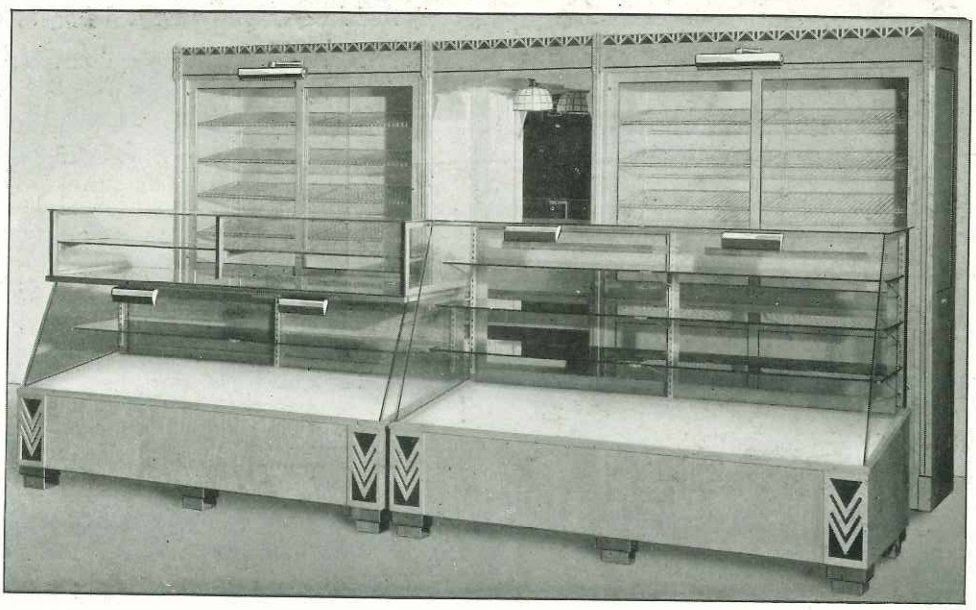
No. A6019. For surface wiring.
No. B6019. For concealed wiring.

FOOD CASE UNIT REFLECTORS

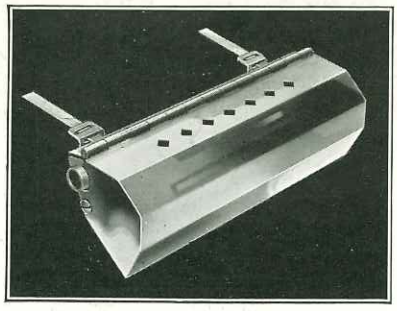
Specifications same as reflectors on preceding page

The photograph shows the appearance of GARCY No. A6722 reflectors on all glass cases. The wall cases in back are lighted by GARCY No. 6065 reflectors with No. S6638 bracket arm as shown on pages 30, 31.

Photo by courtesy of Columbus Show Case Company, Columbus, O.



FOR ALL GLASS SHOW CASES



No. A6722

8¼" long, for 1 T10 tubular lamp

Reflectors have straps and lock clips to fasten between top and front plates of case. Housing hinges up for access to reflector interior and lamps. For surface wiring.

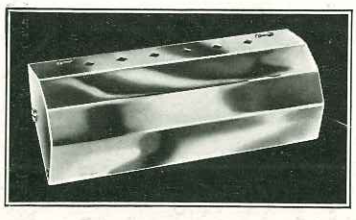
Wiring plans, see page 28.

No. 6020

8¼" long, for 1 T10 tubular lamp.

FOR WOOD OR METAL FRAME CASE — STATIONARY HOUSINGS

Housings attach to support angle through keyhole slots. Easily removed for access to interior and lamps.



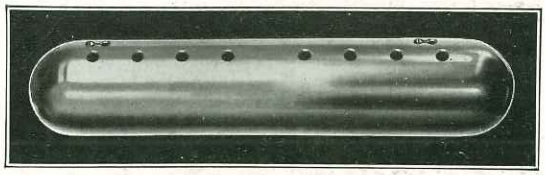
8¼" long, for 1 T10 tubular lamp

No. A6716. For surface wiring.
No. B6716. For concealed wiring.

Style like No. 6716 at left, but larger to accommodate a standard lamp (up to 60 watt). Length is 9".

No. A6718.
For surface wiring

No. B6718.
For concealed wiring

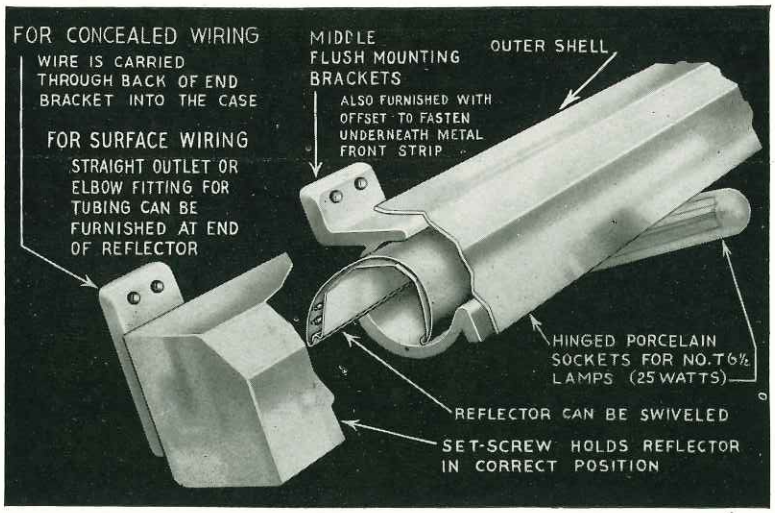


15" long for 2 T10 tubular lamps.

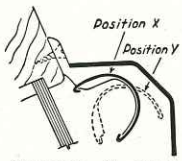
No. A6009. For surface wiring.
No. B6009. For concealed wiring.

CONTINUOUS FOOD CASE REFLECTORS

OUTSIDE MOUNTING — FOR WOOD OR METAL FRAME CASES


FOR CONCEALED WIRING
WIRE IS CARRIED THROUGH BACK OF END BRACKET INTO THE CASE
FOR SURFACE WIRING
STRAIGHT OUTLET OR ELBOW FITTING FOR TUBING CAN BE FURNISHED AT END OF REFLECTOR
MIDDLE FLUSH MOUNTING BRACKETS
ALSO FURNISHED WITH OFFSET TO FASTEN UNDERNEATH METAL FRONT STRIP
OUTER SHELL
HINGED PORCELAIN SOCKETS FOR NO. T6½ LAMPS (25 WATTS)
REFLECTOR CAN BE SWIVELED
SET-SCREW HOLDS REFLECTOR IN CORRECT POSITION

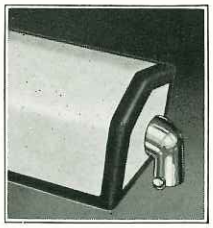
Reflectors are adjustable to best lighting angle. Positions X and Y on section at right show range of adjustment.



Section ¼ size

No. B6709

FOR SURFACE WIRING

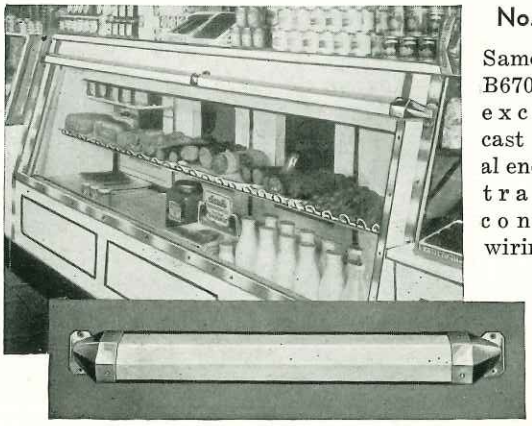


No. A6709

Same as No. B6709, at left except with swivel elbow at end to connect ⅜" round tubing.

FOR CONCEALED WIRING

No. B6709



No. BR6709

Same as No. B6709, above, except with cast ornamental ends as illustrated. For concealed wiring.

SPECIFICATIONS

EXTERIOR: White porcelain, black edged, with brackets or straps nickel plated is standard. Also furnished in colored porcelain, stainless steel, Monel metal, or any plated finish.

REFLECTING SURFACE: GAR-LITE is standard reflecting surface.

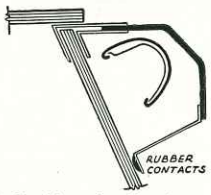
LAMPS: Regularly furnished for T6½ tubular lamps. Can be made for T10 tubular lamps. When ordering for T10 lamps, specify overall length of case, offset from glass to face of frame, and length of each glass panel.

SOCKETS AND SPACING: Reflectors have hinged porcelain sockets spaced 18" on centers. Any other spacing can be furnished.

CONNECTIONS AND WIRING: Reflectors are completely wired. Reflectors for concealed wiring have connections for ⅜" flexible conduit. Others have swivel elbow for ⅜" tubing. Specify end to have feed connection, facing front of case. Wiring plans, see page 28.

FOR ALL GLASS CASES

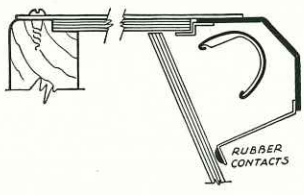
Straight or slope front



Section is ¼ size

No. E6709

Reflector with clips to fasten between front and top plates.



Section is ¼ size

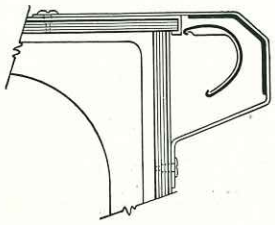
No. F6709

Reflector with straps to fasten to rear moulding of case.

Reflectors are same as No. A6709, above, for surface wiring. Orders should state amount of overlap and degree of slope, if any. Orders for No. F6709 should also state width of case from front to back.

FOR COUNTER PROTECTION CASES

For straight or slope front cases



Section is ¼ size

No. C6709

Reflector is same as No. A6709 above for surface wiring, but with mounting straps spaced and drilled for attachment with screws of counter protection brackets.

CONTINUOUS FOOD CASE REFLECTORS

FOR MOUNTING ON OUTSIDE OF CASE

For Straight or Slope Front Case

No. 6711

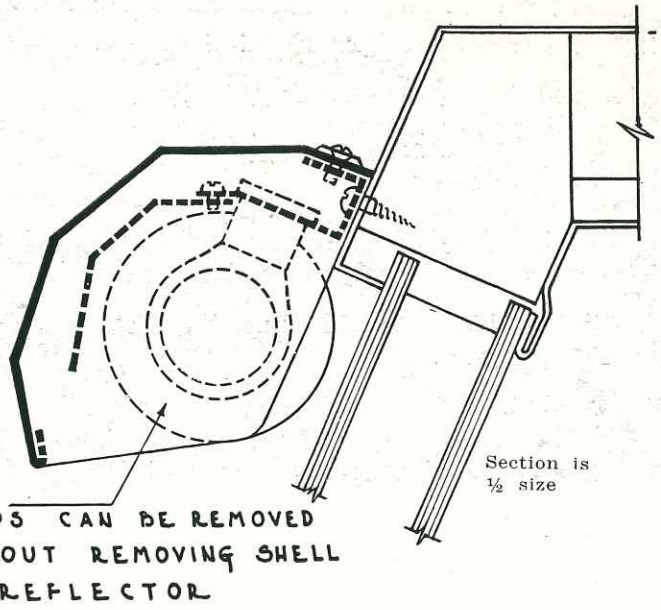
For Standard Lamps up to 40 Watt

EXTERIOR: White porcelain is standard. Also furnished in colored porcelain, or two tone porcelain designs, as well as stainless steel, Monel metal or plated finishes.

REFLECTING SURFACE: Porcelain is standard, Gar-lite, Gar-co or Chromium also furnished. See list on page 4.

SOCKET SPACING: Sockets are spaced 18" on centers unless otherwise ordered. Any other spacing can be furnished.

CONNECTIONS AND WIRING: Reflectors are completely wired, arranged for concealed wiring with connector for 3/8" flexible conduit. Also furnished for surface wiring, with swivel elbow slip connector at one end for 3/8" tubing. State end to have connection, facing front of case. Wiring plans, see next page.



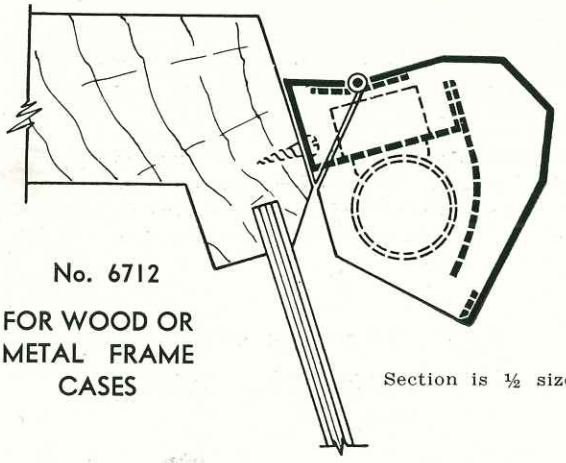
Section is ½ size

CONTINUOUS LUMILINE LAMP REFLECTORS

WITH SNAP-IN DISC SOCKETS FOR LUMILINE LAMPS

For Straight or Slope Front Case

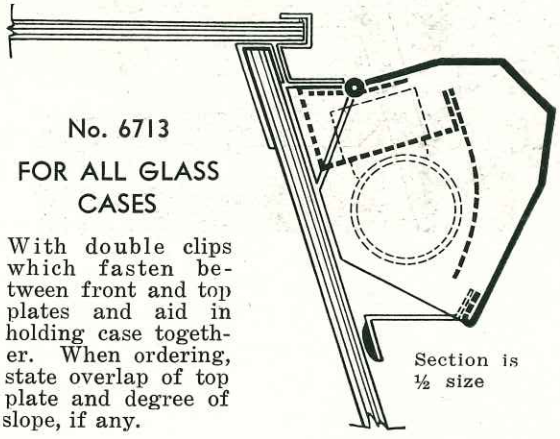
Housings hinge up for access to interiors and lamps



No. 6712

FOR WOOD OR METAL FRAME CASES

Section is ½ size



No. 6713

FOR ALL GLASS CASES

With double clips which fasten between front and top plates and aid in holding case together. When ordering, state overlap of top plate and degree of slope, if any.

Section is ½ size

SPECIFICATIONS

Nos. 6712, 6713

Wiring Plans, see next page

EXTERIOR: Nickel Plated is standard. Also furnished in stainless steel, Monel metal or plated finishes.

REFLECTING SURFACE: Porcelain is standard. Gar-lite, Gar-Co, or Chromium also furnished. See list on page 4.

SOCKET SPACING: Sockets are spaced to effect a continuous line of light with 18" lamps. When necessary, however, sockets for one or two 12" lamps are included to insure maximum amount of continuous lighting. Also furnished with sockets for 12" lamps throughout, if desired.

CONNECTIONS AND WIRING: Reflectors are completely wired, arranged for surface wiring with swivel elbow slip connector at one end for 3/8" tubing. Also furnished for concealed wiring with connector for 3/8" flexible conduit. State end to have feed connection, facing front of case.

HOW TO ORDER FOOD CASE REFLECTORS

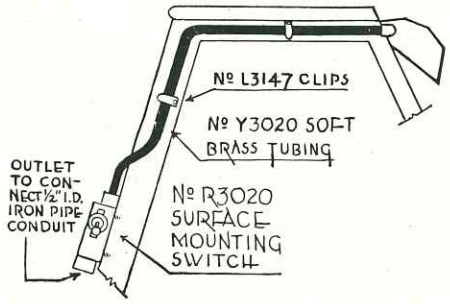
WHEN ORDERING CONTINUOUS REFLECTORS:

1. State catalog number of reflector.
2. Give exact overall length required, not including end fittings.
3. Check finish, reflecting surface, socket spacing, and feed connection as listed in specifications of reflector selected, and state any changes from standard.
4. State end to have feed connection, facing front of case.
5. Conduit, fittings, switches for surface wiring listed below. For concealed wiring, use soft brass tubing, shown below or flexible conduits on page 11.
6. Include dimensioned sketch of case when necessary, particularly if brackets or straps must be spaced in any special way, or unusual conditions are to be met.

WHEN ORDERING UNIT REFLECTORS WIRED IN SETS, READY FOR APPLICATION:

1. State "Complete set wanted", giving catalog number of reflector desired.
2. State number of reflectors desired, and length of case overall.
3. State exterior finish and reflecting surface wanted.
4. If wanted with surface wiring plan (see No. B6740 below), so state, and select surface switch wanted, stating location of outlet.
5. If wanted for concealed wiring, state—
   A. Catalog number of junction box to be used (see listing below).
   B. Type and size of conduit (soft brass tubing shown below—flexible conduit, see page 11).
6. Include dimensioned sketch of case if necessary, particularly if spacing of reflectors is irregular, or unusual conditions are to be met.

SURFACE WIRING PARTS — UNIT OR CONTINUOUS REFLECTORS



No. A6740 Wiring Assembly

No. R3020

No. Y3020. ⅜" soft brass tubing, plated finishes.

No. L3147. Clips to fasten ⅜" tubing.

No. R3020. Surface switch. One outlet to connect ⅜" tubing. Specify outlet top, rear or side. Bottom outlet to connect ½" I. D. iron pipe conduit. Box is 1⅞" x 3¾" x 1⅛" deep.

No. C3020. As above with convenience receptacle.

COMPLETE WIRING ASSEMBLIES

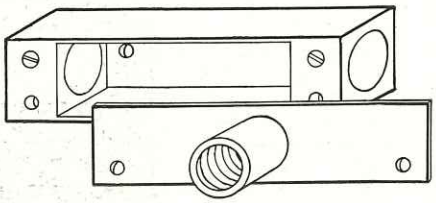
No. A6740. Complete assembly of parts listed above, with wire, attached to continuous reflector. Switches (No. R3020) not included.

No. B6740. As above with set of unit reflectors. ⅜" rigid tubing used to connect reflectors together. Complete with wire and fittings down to No. R3020 switch (Not included).

FOR CONCEALED WIRING — UNIT REFLECTORS

Nos. 6747, 6748, 6749
Boxes only

No. 6750
Cover plate with nipple



These boxes can also be furnished with nipples, any size, at top, bottom and rear as well as at ends.

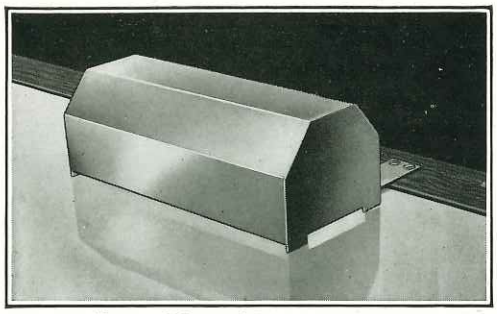
Boxes Only	For Tubing or Conduit Outside Dia.	Dimensions		
		Length	Height	Depth
No. 6747	⅜" tubing	3½"	11/16"	5/8"
No. 6748	5/16" flexible	3½"	11/16"	5/8"
No. 6749	⅜" flexible	3½"	7/8"	13/16"

No. 6750. Cover plate and ½-inch nipple for above boxes. (Used if conduit runs through wood frame.) Cover plates can be furnished without nipple if desired.

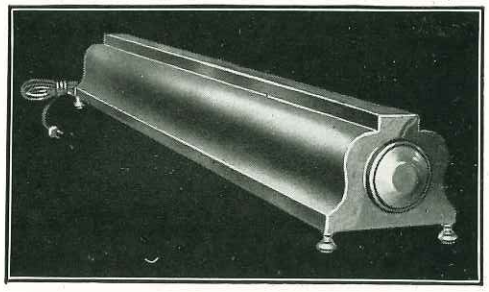
Other conduits, fittings, switches, see pages 6 and 11.

FIXTURES FOR TOP OF SHOW CASE

Several types of mountings for top of show case fixtures which can be furnished with any of these reflectors or the reflectors on page 34. Orders should specify both the reflector and type of mounting desired.



Types DL and DM mounting; No. 6061 reflector



Type DS mounting; No. 6058 reflector

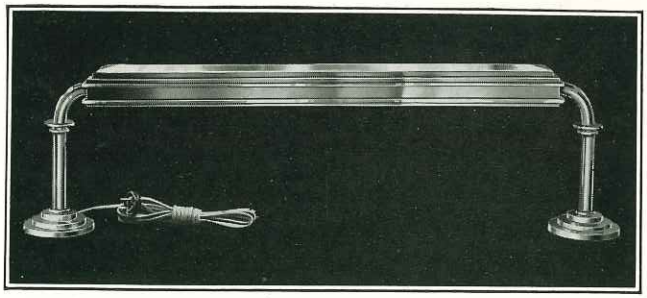
MOUNTINGS ONLY

Mounting	Description
Type DL	Hinged metal straps attached to reflector which screw to rear moulding. Wired with cord and plug. Straps are made any length required so reflector will stand at front, rear or center of case as desired.
Type DM	As above for a series of reflector units. A small raceway is provided to run along the rear moulding. Connecting tubes are furnished to carry wires from each unit to the raceway.
Type DR	Bent tubular uprights with cast brass bases and decorative rings support reflector at ends. Made any height required. Wired with cord and plug.
Type DS	Rubber tipped legs to support reflectors on glass. Wired with cord and plug.

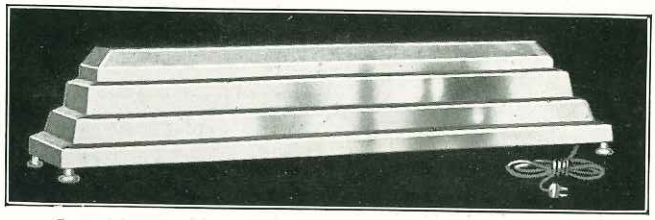
DIAMOND ILLUMINATOR No. 6070

A satin finished nickel silver reflector with sockets for a 60 watt daylight and a 40 watt standard lamp to provide the proper color light for viewing diamonds.

Reflector is 14" long and stands 13½" high. Has weighted, rubber-covered base, 7" diameter. Complete with switch, cord and plug.



Type DR mounting; No. 6060 reflector for lumiline lamps



Type DS mounting; No. 6235 reflector

REFLECTORS ONLY

When ordering, specify type of mounting desired

No.	For Lamps	Width	Height
6058	75 W. Max.	5¾"	4¼"
6060	Lumiline	3"	2⅛"
6061	75 W. Max.	4"	3¼"
6235	75 W. Max.	5½"	4⅛"

LENGTHS AND SOCKET SPACING: No. 6060: 1 lamp or 2 lamp units are 2" longer than combined length of lamps. Thus a reflector for a 12" lumiline lamp is 14" long, for two 12" lamps, 26" long, for an 18" lamp, 20" long, etc. Nos. 6058, 6060, 6235: 1 lamp units are 9" long, 2 lamp units, 15" long, continuous reflectors, any length, with sockets approximately 18" on centers. Any other spacing of sockets can be furnished.

SPECIFICATIONS: Brass or bronze exterior, plated finish, GAR-lite reflecting surface, completely wired. Also furnished in steel, spray or plated finishes.

CASE ILLUMINATOR No. 6081

A statuary bronze plated fixture with weighted base for one lamp up to 40 watt. Dimensions to center of reflector are: height, 11½", projection, 7½". Reflector is 10" long. Other sizes can be furnished.

ARM BRACKET REFLECTORS

FOR PICTURES, COUPON BOOTHS, FILING CABINETS, ETC.

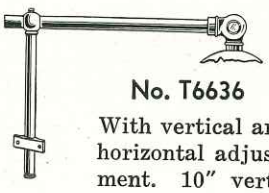
Units for one or two lamps, or continuous lengths.

When ordering be sure to state catalog number of both the arm and the reflector wanted

ARMS ONLY

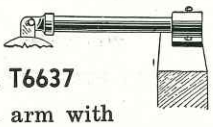
These arms are furnished with any of the reflectors on this or the next page. Other than listed sizes also furnished.

SWIVEL JOINT: Arms have swivel joint with knob adjustment for tilting reflectors to desired lighting angle. Also furnished without swivel joint.



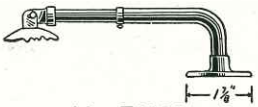
No. T6636

With vertical and horizontal adjustment. 10" vertical member and 12" horizontal member.



No. T6637

12-inch arm with horizontal adjustment.



No. T6639

Telescoping arm which can be extended to 18".

No. S6639

18" non-telescoping arm.

No. T6638

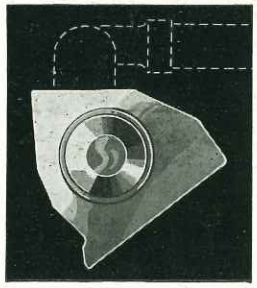
Telescoping arm which can be extended to 18".

No. S6638

18" non-telescoping arm.

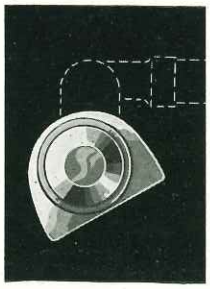
REFLECTORS ONLY

These reflectors can be furnished with any of the arms shown at left or on the next page.



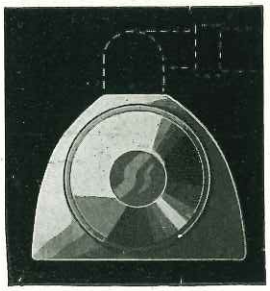
No. 6065

2⅝" face for standard screw base tubular lamps.



For Screw Base Tubular Lamps

No.	Face	Sockets
6002	1½"	Intermediate
6003	2"	Standard
6004	2⅜"	Standard



No. 6079

3¼" face for lamps up to 40 watt.

Nos. 6065, 6079 can also be furnished with sockets for lumiline lamps.

SCHEDULE — REFLECTORS FOR BRACKET ARMS

When ordering, be sure to state type of arm wanted

Made of	One-lite Reflectors for one lamp		Twin-lite Reflectors for two lamps		Continuous Reflectors Length as Required
	No.	Length	No.	Length	
Steel	DH6002	9"	GH6002	15"	FH6002
Brass	DS6002	9"	GS6002	15"	FS6002
Steel			GH6003	15"	FH6003
Brass			GS6003	15"	FS6003
Steel	DH6004	8¼"			
Brass	DS6004	8¼"			
Steel	DH6065	10"	GH6065	15"	FH6065
Brass	DS6065	10"	GS6065	15"	FS6065
Steel	DH6079	10"	GH6079	15"	FH6079
Brass	DS6079	10"	GS6079	15"	FS6079

SPECIFICATIONS

FINISH: Steel reflectors are furnished sprayed bronze; brass reflectors are statuary bronze plated. Any other finish can be furnished.

ARMS: Unless otherwise specified, One-lite and Twin-lite reflectors are made with one arm; continuous reflectors with arm for each 30" of reflector. When ordering, please state style of arm and spacing wanted.

SOCKETS: One-lite reflectors have single porcelain socket, twin-lites have twin socket, continuous reflectors made with single sockets spaced 18" on centers. Other spacings can be furnished.

WIRING AND CONNECTIONS: Reflectors are furnished completely wired. With arms on this page, 10 ft. cord and plug is furnished unless otherwise specified. With arms on next page, pipe extension for through fastening is furnished unless otherwise specified. Hickey or Crowfoot mounting also furnished.

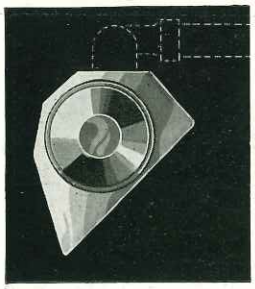
SWITCHES: One-lites and twin-lites can be furnished with pull chain sockets—continuous reflectors with toggle switch in reflector. Canopy base arms can be had with toggle switch in canopy.

ARM BRACKET REFLECTORS

FOR RUGS, MAPS, WALL CASES, MAGAZINE RACKS, ETC.

Units for one or two lamps or continuous lengths
When ordering be sure to state catalog number of both the arm and the reflector wanted

REFLECTORS ONLY



No.	Face	For lamps up to
6050	3½"	40 watt
6051	5"	100 watt

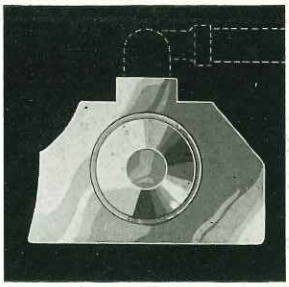
These reflectors are furnished with any of the arms shown at right or on the preceding page.

SPECIFICATIONS

Specifications are same as listed on preceding page.

LAMPS

Reflectors are regularly made with sockets for screw base lamps. Can also be furnished with sockets for lumiline lamps.

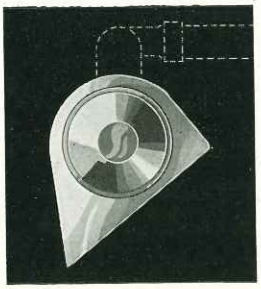


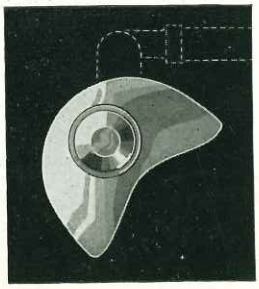
No. 6056

5" face for lamps up to 75 watt.

No. 6054

4" face for lamps up to 75 watt.





No. 6068

4" face for lamps up to 75 watt.

SCHEDULE—REFLECTORS FOR BRACKET ARMS

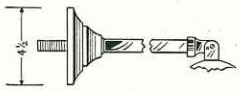
When ordering, be sure to state type of arm wanted.

Made of	One-lite Reflectors for one lamp		Twin-lite Reflectors for two lamps		Continuous Reflectors Length as required
	No.	Length	No.	Length	
Steel	DH6050	10"	GH6050	15"	FH6050
Brass	DS6050	10"	GS6050	15"	FS6050
Steel	DH6051	10"	GH6051	15"	FH6051
Brass	DS6051	10"	GS6051	15"	FS6051
Steel	DH6054	10"	GH6054	15"	FH6054
Brass	DS6054	10"	GS6054	15"	FS6054
Steel	DH6056	10"	GH6056	15"	FH6056
Brass	DS6056	10"	GS6056	15"	FS6056
Steel	DH6068	10"	GH6068	15"	FH6068
Brass	DS6068	10"	GS6068	15"	FS6068

ARMS ONLY

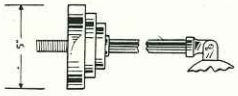
These arms can be furnished with any of the reflectors on this or the preceding page. Arms also furnished in other lengths.

SWIVEL JOINT: Arms have swivel joint with set screw adjustment for tilting reflectors to desired lighting angle. Also furnished without swivel.



No. 6633

18" square arm with canopy.

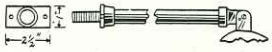


No. 6634

18" round arm with canopy.

No. 6640

18" square arm with flange.



No. 6635

18" round arm with flange.

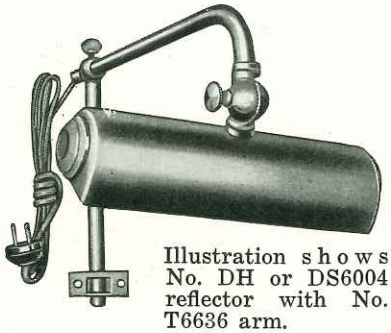


Illustration shows No. DH or DS6004 reflector with No. T6636 arm.

STANDARD ARM BRACKET UNITS

Here are two of the many possible combinations of reflectors and arm brackets listed on this and the preceding page. When ordering, be sure to specify both the reflector and the arm bracket wanted.

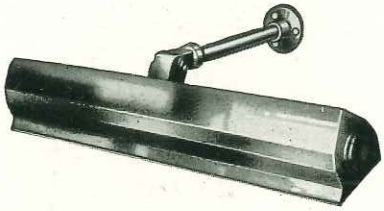
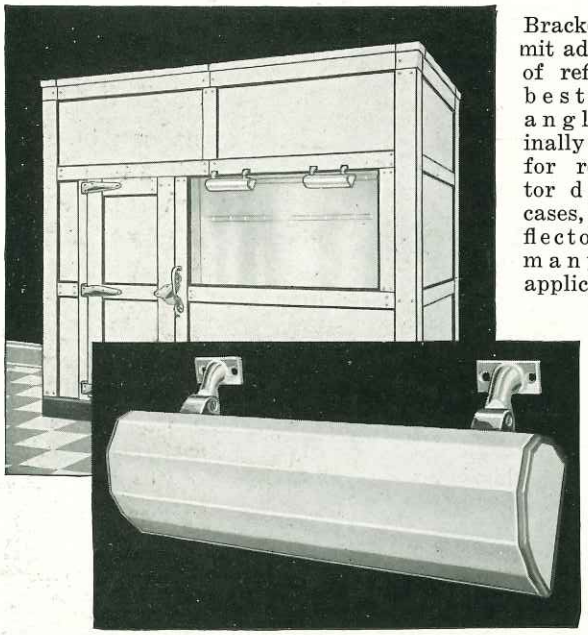


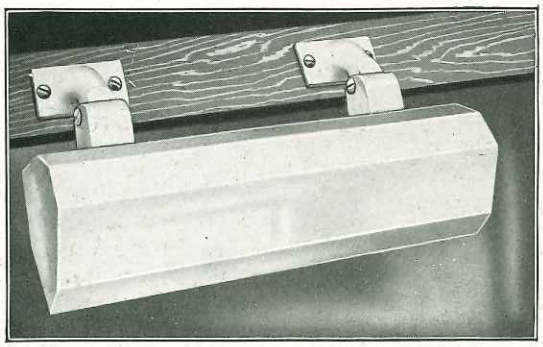
Illustration shows No. GH or GS 6065 reflector in twin-lite length with No. S6638 arm.

BRACKET REFLECTOR UNITS



Brackets permit adjustment of reflector to best lighting angle. Originally designed for refrigerator display cases, these reflectors find many other applications.

No. D6704
For standard lamps up to 60 watt



Nos. A6703, B6703
for T10, 25 watt, tubular lamps

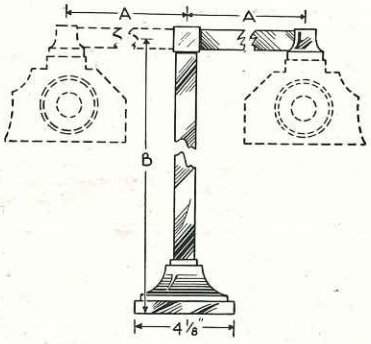
No.	Length	Socket
B6703	8¼"	Single
D6703	15"	Twin
D6704	15"	Twin

Available in nickel, chromium and other plated finishes. Also porcelain, white or white with black trim, or any color desired.

WIRING: Units are furnished unwired. Wires can be carried through bracket and connected behind mounting surface, or lamp cord and plug can be used.

UPRIGHT REFLECTOR BRACKETS

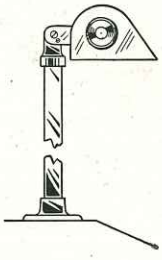
For Desks, Work Tables, Filing Cabinets, etc.



Consists of cast base, tubular upright and cross arms with swivel fitting for tilting reflector, one side or two sides as required. Made any height or extension. Illustration shows No. 6056 reflectors, page 31, attached to arms, but can be furnished with any other reflector. Furnished portable with cord and plug or stationary with pipe extension for through fastening, as ordered.

No. 6631
For reflector one side only (solid lines).

No. 6632
For reflector both sides (includes dotted lines).



FOR PULPITS, SPEAKING STANDS, ETC.

The reflectors and arms illustrated on pages 30, 31 can be furnished for this purpose. Orders should state "for table mounting," since it is necessary to join arm brackets to reflectors at a different location than is required for wall mounting.

FOR SMALL PICTURES OR SIGNS

Reflector with screw down strap bracket, cord and plug.

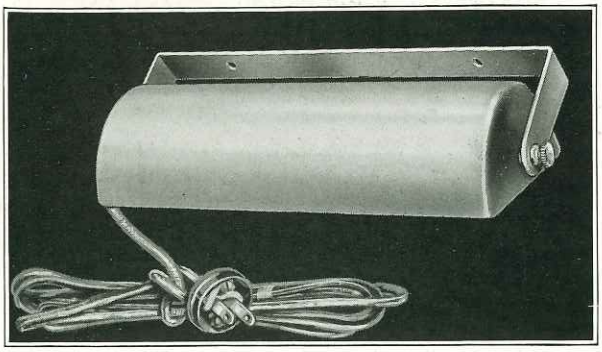
Slot screw holes in bracket permit adjustment of reflector position. Bracket is flexible so reflector can be bent to best lighting angle.

No. 3005

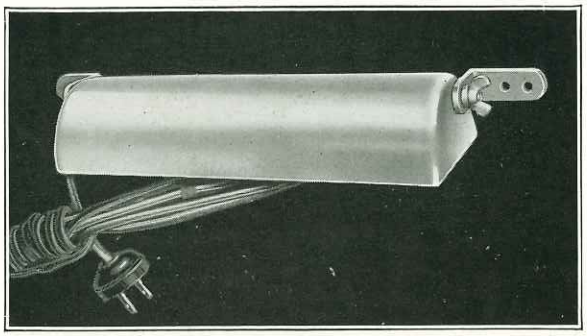
Reflector is 8¼" long, for 25 watt. T10 tubular lamp. Standard finish. Statuary bronze plated. Other finishes can be furnished.

GENERAL UTILITY UNITS

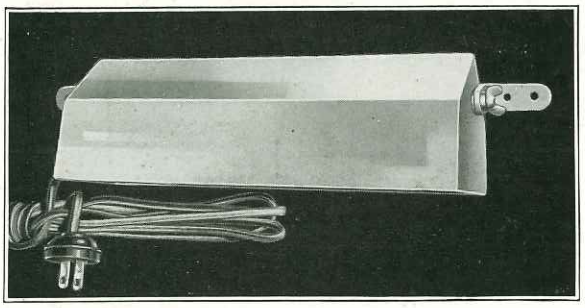
Simply constructed, low priced, one-lite reflectors, with wired socket, cord, plug and brackets for screw attachment. Reflectors are adjustable to best lighting angle.



No. 6031



No. 6034



No. 6035

No. 6031

Bracket is 8¾" long. Takes 25 watt tubular lamp, or standard lamp up to 60 watt.

No. 6032

14" reflector with sockets for a 12" lumiline lamp.

No. 6033

20" reflector with sockets for an 18" lumiline lamp.

No. 6034

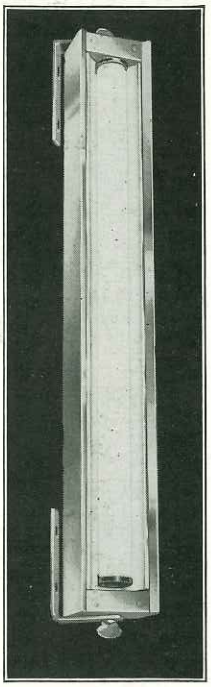
8¼" reflector with hinged socket for 25 watt tubular lamp.

No. 6035

9" reflector. Takes standard lamp up to 60 watt.

FINISHES

Standard finish, Nos. 6031, 6032, 6033 is satin nickel, others aluminum sprayed. Any other finish can be furnished.

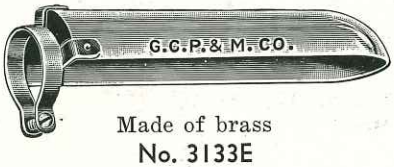


Nos. 6032, 6033

SUGGESTED USES

1. Kitchen work spaces. Can be attached to wall or under side of wall cabinets.
2. Pictures, book shelves, etc.
3. Bed reading or night table light.
4. Indirect night light.
5. Mirror lights. Any of these units can be used above bathroom mirrors. Nos. 6032, 6033 with white coated lumiline lamps, are particularly suitable for mounting at side of mirrors.
6. In sick room or nursery. Nos. 6031, 6032, or 6033 can be used as a combination light bracket. By swiveling the reflector from down to up position it is instantly converted from a bed reading light or night table light to an indirect fixture providing low, soft illumination over the entire room—enough to see by, not enough to disturb sleep.

REFLECTING SHADES



Made of brass

No. 3133E

Polished nickel plated inside and out.

No. 3133W

As above, inside aluminum sprayed.

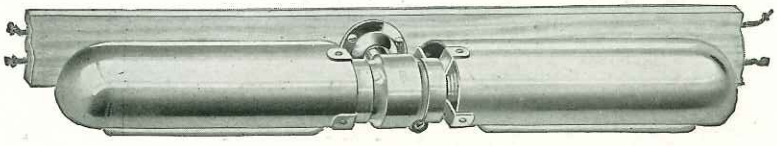


Illustration shows 2 No. 3133 shades with:

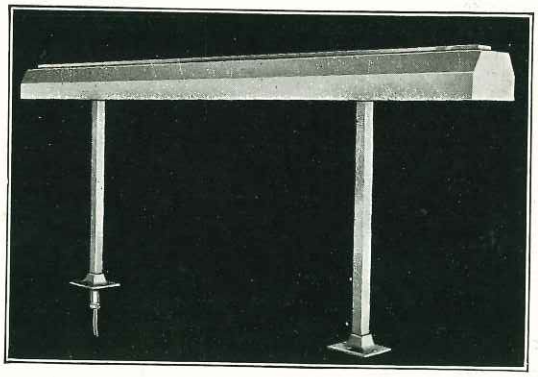
No. 3121 Twin Socket

No. F3114 Flange

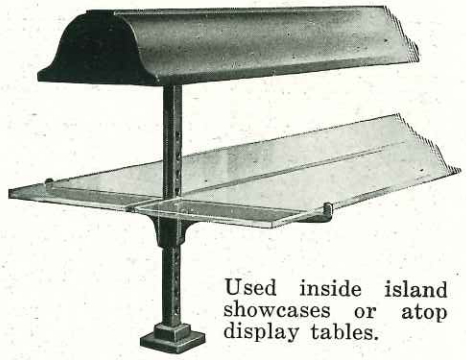
to fasten socket to wood.

CONTINUOUS REFLECTORS WITH UPRIGHTS

FOR TABLES, CHECK DESKS, COUNTERS, ETC.



Reflectors shown here are also furnished with any other type of mounting. Upright supports shown can be furnished with any other reflectors.



Used inside island showcases or atop display tables.

Type DT

Square uprights, flange base, height as required. Shown with reflector No. 3098.

Type DK

Square uprights with keyholes for GARCY adjustable shelf brackets. Height as required. Shown with reflector No. 6059.

Miter End Nos.	Flat End Nos.
3139	6059
6099	3099

Miter ends are shown

SCHEDULE OF STANDARD SIZES

REFLECTORS ONLY

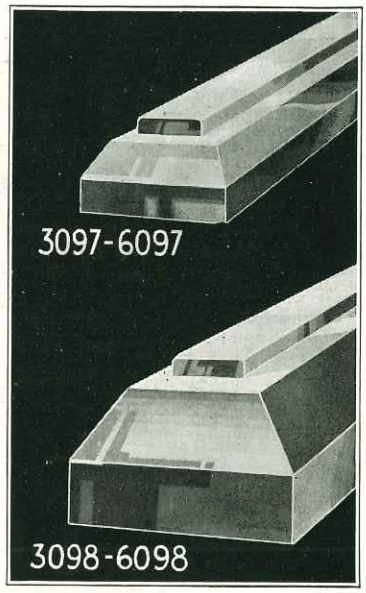
Uprights on this page or any other type of mounting can be furnished. Other sizes can be furnished.

Reflector Nos.		For Lamps Up to	Dimensions	
Miter Ends	Flat Ends		Width	Height
6097	3097	75 watt	4"	3¼"
6098	3098	200 watt	6"	4¼"
6099	3099	200 watt	5"	4½"
3139	6059	75 watt	5¾"	4¼"

SPECIFICATIONS: Brass or bronze exterior, plated finish; chromium reflecting surface; single sockets, spaced 18" on centers; completely wired. Also furnished in steel, spray or plated finishes; other reflecting surfaces (see list, page 4); any other spacing of sockets.

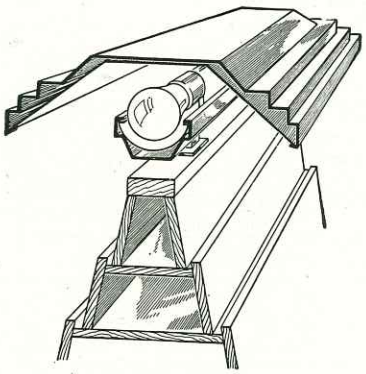
DIFFUSING GLASS: Reflectors can be furnished with diffusing glass bottom if desired.

SWITCHES: Pull chain or toggle switch can be furnished built into reflectors.



Miter End Nos.	Flat End Nos.
6097	3097
6098	3098

Miter ends are shown



INDIRECT LIGHTING REFLECTOR

For greeting card and magazine racks, reading or sewing tables, depot waiting benches, etc.

Lamps are concealed. Produces soft, unspotted, indirect lighting. Eliminates specular lamp reflections.

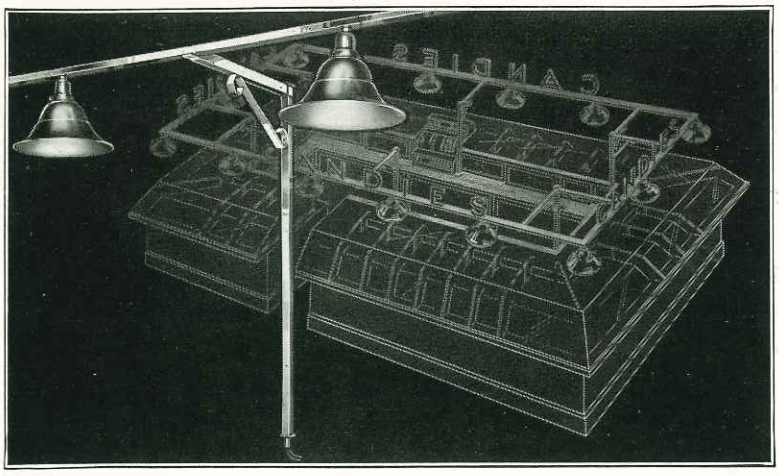
Reflector is 14" wide, 4¾" high. Takes standard lamps up to 100 watt. Made of brass or bronze, plated finish. Can also be furnished in steel.

No. 6092
Reflector with miter ends.

No. 3092
Reflector with flat ends.

CANOPY REFLECTORS

FOR SHOW CASE AND TABLE DISPLAYS



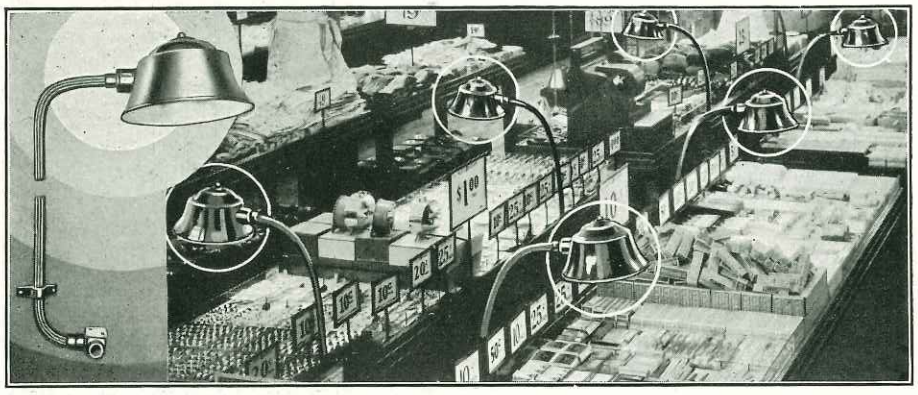
No. 6229

Reflectors, 11½" diameter, for lamps up to 100 watt, are attached to a continuous metal wire channel, which is, in turn, supported by upright bracket arms constructed of square tubing.

Made of brass, nickel plated. Any other finish can be furnished.

Furnished in complete sets with reflectors, wire channel, and bracket arms, completely fitted and wired, as required. Metal letter signs not included unless specified.

Background illustration shows application for lighting a candy island. Note the GARCY metal letters attached to the wire channel.



No. 6230

Brass canopy reflector for 60 watt lamp, with fluted tubular support, bent and cut to size, unilet box for ⅜" iron pipe or flexible conduit, and clamp. Complete with wire.

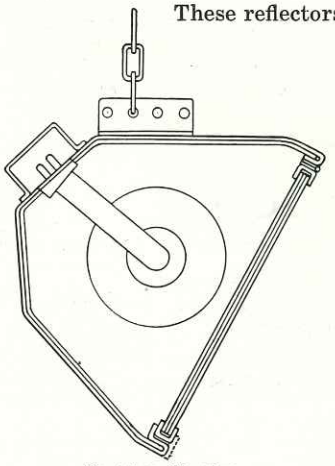
No. B6230

As above, unwired.

SUSPENDED REFLECTORS

FOR RUG RACKS, WALL DISPLAYS, ETC.

These reflectors can also be furnished with Holophane Controlenses; see pages 92, 93.



Section ¼ size

No. 6025

Reflector and Type HJ Chain Hanging Plate

No. 6025, 6203 Reflectors

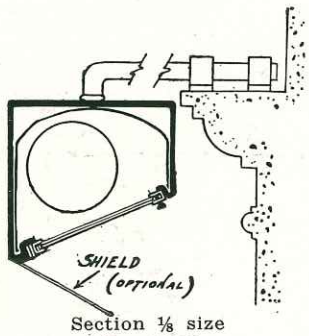
Continuous reflectors for lamps up to 200 watt. Shield, diffusing glass doors and hangers not included unless specified. Metal, finish, lengths, socket spacing, as required.

Type HJ

Hanger plate for chain attachment. Provides tilt adjustment by changing chain attachment from one to another of the holes in the plates.

Type HW

Stem hangers for ledge mounting.



Section ⅛ size

No. 6203

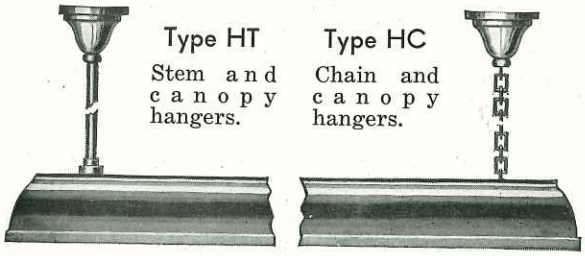
Reflector and Type HW Ledge Hanger

SUSPENDED REFLECTORS

FOR DISPLAY CASES, TABLES, CAFETERIA COUNTERS, ETC.

The stem and chain suspensions shown here can be furnished with any other reflector style. Other styles of stem hangers, see page 61. The reflectors shown can also be furnished with the upright supports illustrated on page 34 or any other type of bracket mounting.

Any style of reflector can be furnished with Holophane Controlenses, diffusing glass or louvers.

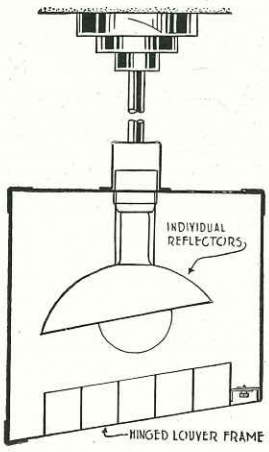


Type HT
Stem and canopy hangers.

Type HC
Chain and canopy hangers.

Reflector is No. 3139, described on page 34.

A cafeteria counter lighted by No. 6759 louver reflectors.



Type HV
Stem and canopy hangers.

Type HD
As above with chains

No. 6759
REFLECTOR WITH LOUVERS

Section is ⅛ size

Hinged louver frames conceal lamps. Has individual reflectors with sockets and holders for 75 or 100 watt lamps. Can be furnished for any other size lamps. Exterior is polished Monel with chromium trim. Lengths, miters and lamp spacing as required.

Various types of louvers, see page 23.

TROUGHS WITH HOLOPHANE CONTROLENSES

Suspended controlens troughs are excellent for lighting jewelry or cafeteria counters. The controlenses confine the light to the display, greatly increasing the illumination over other types of fixtures with the same wattage. Prismatic lenses are particularly desirable for bringing out the natural sparkle of diamonds and jewelry.

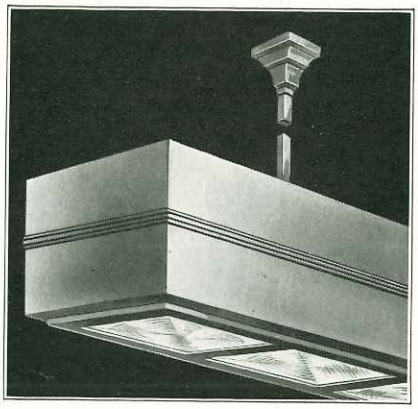
Troughs are made any length, with lenses and lamps spaced as required. Dimensions vary with the size of lamp to be used and conditions to be met. For additional information, refer to pages 86 to 93.

No. 6900

Shown with controlenses in hinged doors. Can also be had with fixed bottom (lenses lift and slide over each other for access to lamps) or with removable bottom.

Type HX
Square stem and canopy hangers

Type HK
As above with chains



No. 6901

Controlenses set in a removable frame at bottom of fixture.

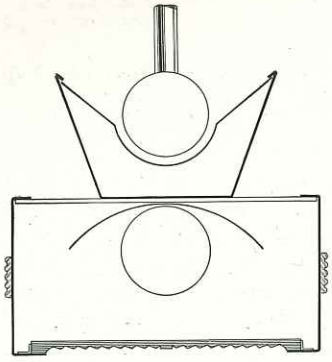
Troughs are steel or brass with an extruded band decoration.

SUSPENDED REFLECTORS

DIRECT-INDIRECT TYPE

CONCENTRATED LIGHT ON SHOW CASES—DIFFUSED INDIRECT LIGHT FOR GENERAL ILLUMINATION

Either one of these fixtures can be furnished with Holophane Controlenses or with louvers in any length required. When ordering controlens fixtures, please give full information regarding space to be illuminated, so fixtures can be correctly engineered. See controlens data on pages 86 to 95.

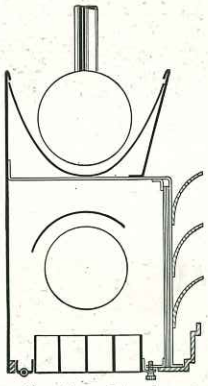


Section ⅛ size

No. 6886
With Holophane Controlenses in Bottom

Outside of upper portion is illuminated by spill light. Has star and stripe decoration. See photo at right.

This fixture can be made with various sizes of controlenses, for any size lamps. Fixture must be engineered for each installation to give exact light distribution required, and dimensions will vary accordingly.



Section ⅛ size

No. 6887
With Lattice Louvers in Bottom

Front and ends of fixture are luminous. Curved aluminum fins are illuminated through opal glass. Upper surface receives spill light.

As shown fixture is 9 5/16" high, 6⅛" wide, for lamps up to 150 watt. Any other size can be furnished.

No. 6888

As above, with luminous fins on four sides, for mounting over island cases.

Jewelry store illuminated with No. 6886 direct-indirect troughs.

SPECIFICATIONS

EXTERIOR: No. 6886 made of brass, any plated finish; Nos. 6887, 6888 of aluminum and steel, cadmium plated, unless otherwise specified.

SOCKET SPACING: Controlens sections have sockets and lenses spaced as required; elsewhere, sockets are spaced 18" on centers unless otherwise ordered.

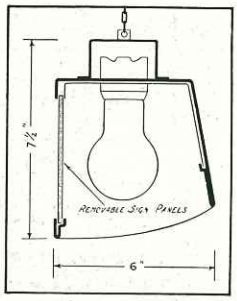
HANGERS: Fixtures can be furnished with stem or chain hangers, or other types of mounting.

OVER CASE REFLECTORS
WITH LUMINOUS SIGNS

One set of lamps illuminates both the counter and the glass sign panels.

No. 6760

Outside painted green or any other color. Furnished any length, complete with clips for chain hanging. Sockets spaced approximately 10" on center, for lamps up to 60 watt. Blank opal glass sign panels are included.



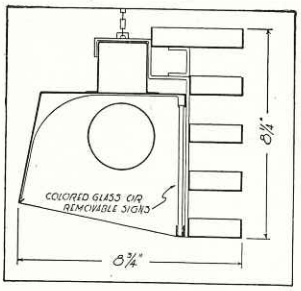
GLASS SIGN PANELS

Signs may be painted on panels in a variety of color effects or gummed paper letter can be used. Stencils, placed behind the glass, are also very effective.

Complete sign panels, with any lettering required, can be furnished. Standard style with white translucent letters, opaque black background. Any other styles can be furnished.

MOUNTING METHODS

These reflectors are regularly furnished with clips for chain attachment. If desired they can be furnished complete with chains and canopies or with any of the various types of mountings shown on pages 34 to 36 or 61.



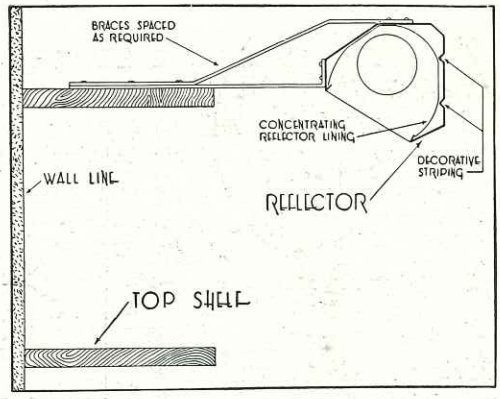
No. 6761

Projecting metal louvers in two-tone paint finish are illuminated through colored glass. Between louver sections, provision is made for removable luminous signs.

Furnished any length, complete with clips for chain hanging. Sockets spaced approximately 12" on centers for lamps up to 40 watt. Colored glass and blank opal glass sign panels included.

CONTINUOUS REFLECTORS

FOR DISPLAY SHELVES



Section ⅛ size

No. 6264

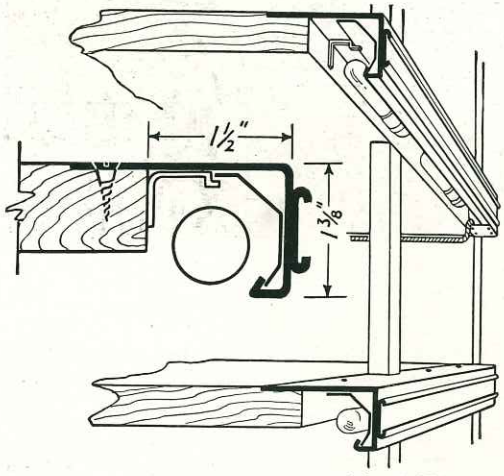
Reflector for straight front shelving. Takes lamps up to 100 watt. Supplied in any lengths. Regularly furnished in two-tone green paint finish, with sockets spaced 24″ on centers.

Other finishes and spacings can be had.

SHELF EDGE REFLECTOR

Continuous reflectors attached to the edge of a shelf to light the shelf below. Eliminates the shadows caused by other methods of shelf lighting.

Furnished any length with sockets 18″ on centers for T6½ tubular lamps. Other spacings of sockets can be furnished. Regularly furnished in spray finish exterior. Can also be furnished with prime coat to be painted same color as shelving.

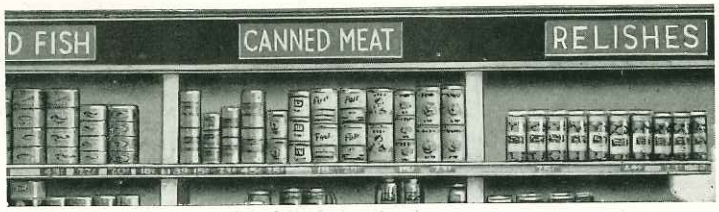


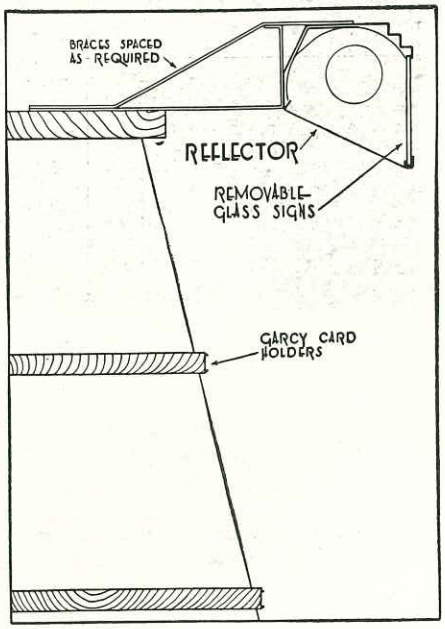
No. 6275

Reflector with card holder strip as shown

No. 6276

As above without card holder strip.





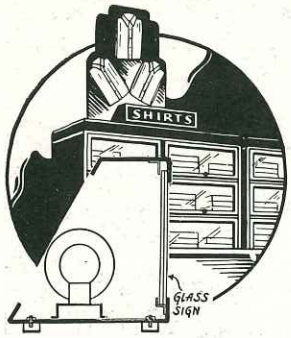
Section ⅛ size.

No. 6265

Reflector for slant front shelving. Takes lamps up to 100 watt. Supplied in any lengths. Regularly furnished in green paint finish, with sockets spaced 24″ on centers.

Other finishes and spacing can be had.

DISPLAY LIGHT
WITH LUMINOUS SIGN

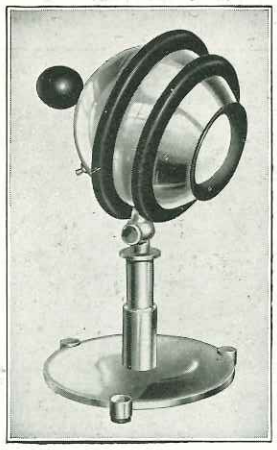


No. 6353

Portable reflector with provision for removable glass sign. Background sketch shows application for open display.

Standard size is 18" long, 6" high, 6" wide, with twin socket. Furnished with cord and plug. Signs not included unless otherwise specified. Other sizes can be furnished.

MANICURE TABLE LAMP



No. 6352

A modernistic, spot-lighting lamp for manicure tables.

Has condensing lens to concentrate the light on the work area, and swiveling adjustment to direct beam. Base is 7" diameter, height 13½", wired with cord and plug. Finished in chromium and black.

DISPLAY STAND
WITH ILLUMINATED SIGN

The top is a reflector with a luminous sign (any wording desired) which also illuminates the entire stand. One socket is equipped with a flasher for lamp to go on and off behind red circle. The stand is equipped with tilting brackets, which can be utilized to support a display shelf of glass or other material or can be dropped down to hold a placard or merchandise display card.

No. 6354

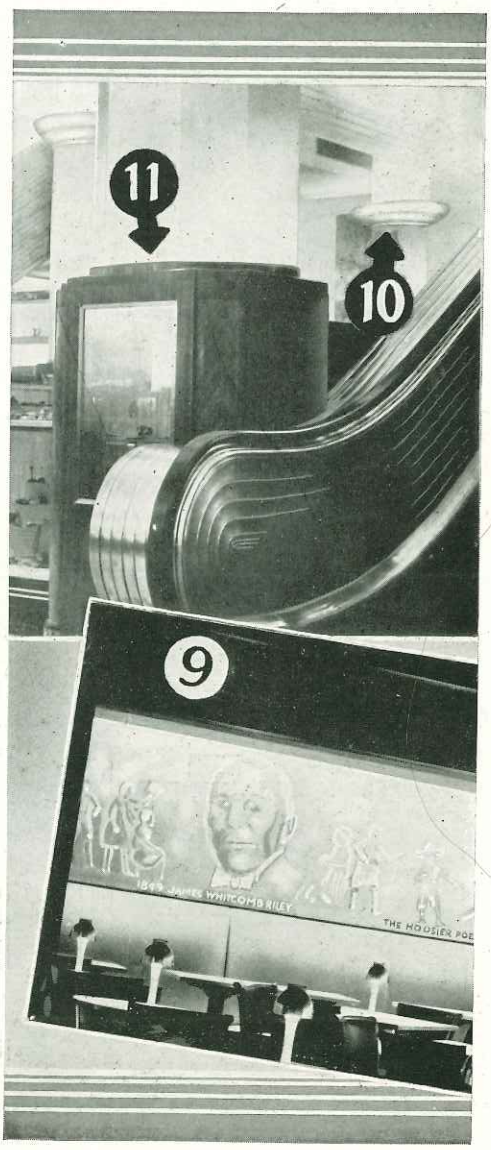
Stand is 27½ high. Base is 18¼" wide x 14¼". Luminous sign is 19½"x3½", white satin finish. Brackets are furnished for shelf 8" wide, unless otherwise specified. Equipped with cord and plug.

Other sizes or designs can be furnished.

MODERNIZING A DEPARTMENT STORE

GARCY FURNISHES LIGHTING EQUIPMENT, METAL SHOW CASE FRAMES, FIXTURE HARDWARE AND METAL TRIM FOR THE REMODELED AND ENLARGED STORE BUILDING OF THE **WM. H. BLOCK CO.**, INDIANAPOLIS, IND.

Photos below and on the next page show some of the items furnished.



Following is a key to the equipment shown in the photographs on this and the preceding page.

1 **Show case lighting troughs,** see pages 4 and 5.

Metal show case frames. Write for bulletin.

Show case hardware. Catalogs available.

2 **Suspended indirect troughs** (No. 6550, on page 59).

3 **Round indirect fixtures** matching in design the troughs in the foreground.

4 **Sign cove.** Open illuminated cove with provisions for attaching cut-out letters. A similar cove may be seen above the wall cases in the background. Typical details are shown on page 16. GARCY can also furnish metal letters for signs.

5 **Sign cove** as described above, but with louvered bottom opening to illuminate the counter.

6 **A surface-mounted, decorative light box.** GARCY furnishes this type of lighting fixture in various designs and sizes.

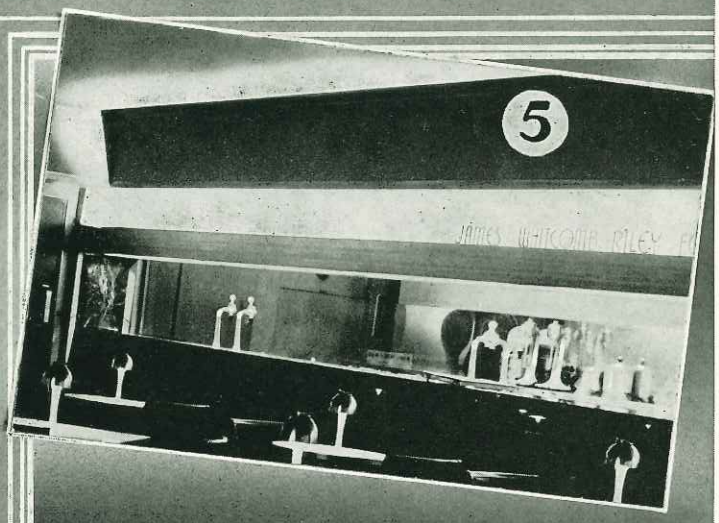
7 **Lighting food display cases.** The reflector used here is No. 6713, page 27, for mounting on outside of case.

8 **Torchiere for indirect lighting.** Shown on page 53.

9 **Mural illumination.** GARCY furnishes Holophane controlens troughs (see pages 91 to 93), and other lighting equipment for this purpose.

10 **Column urns.** Urns around columns conceal lamps and reflectors for indirect lighting. Other designs for indirect lighting from column urns or enclosures are shown on page 52.

11 **Holophane controlenses** in top of column cases direct light up to illuminate the bottom of the column urns. The same lamps also illuminate the interior of the display cases.



FITTING MIRROR FIXTURES

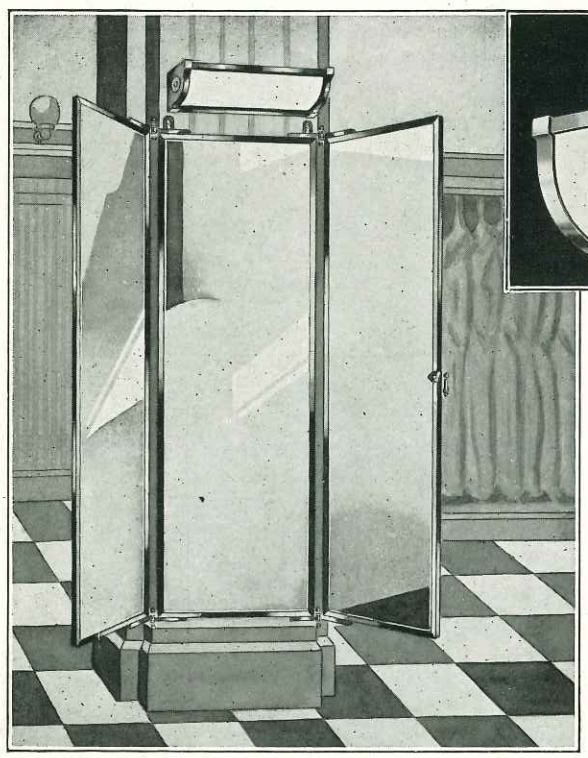
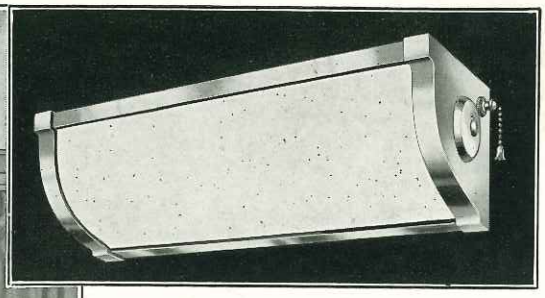


Illustration shows —
No. 6606 MIRROR FIXTURES and
No. T2232 GARCY FOLD-UP METAL
FRAME TRIPLICATE FITTING MIRRORS

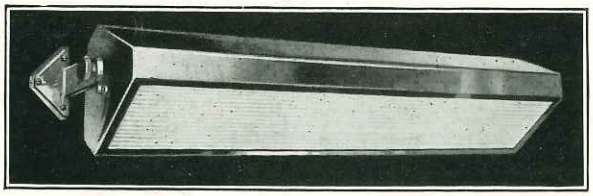


No. 6606

No.	Length	Height	Sockets	For lamps up to
C6606	13"	4 7/8"	1	60 watt
A6606	18"	4 7/8"	2	60 watt
D6606	24"	4 7/8"	2	60 watt
B6606	24"	6 1/8"	2	100 watt
F6606	30"	4 7/8"	3	60 watt
E6606	36"	4 7/8"	3	60 watt

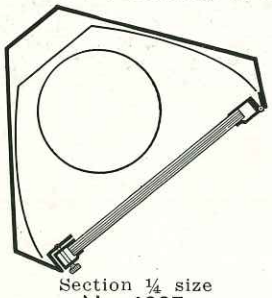
The No. 6606 mirror fixtures, illustrated above, have proven most popular. Curved opal glass evenly diffuses the light from standard lamps—slides out at the top for relamping. Attractive metal housing with cast ends in a white satin finish. Furnished complete with switch. Surface mounted—no mortising required.

EXTRA CONVENIENCE RECEPTACLE for plugging in fan or other appliance can be furnished in any of these fixtures



No. 6326

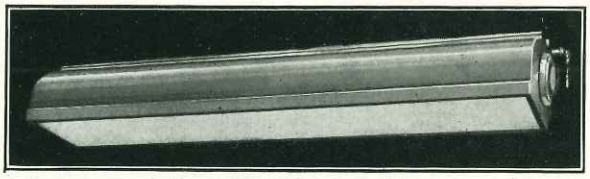
A fixture with swivel brackets and glass in hinged frame, for lamps up to 60 watt. Can be used vertically or horizontally.



Section ¼ size
No. 6327

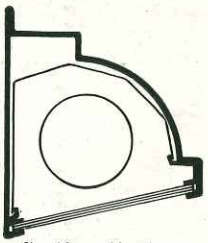
No. 6327

Same as No. 6326 above, but without brackets, and with extra convenience receptacle in end to connect fan or other appliance.



No. 6329

A surface mounting fixture with slide-out glass, for lamps up to 60 watt.



Section ¼ size

Nos. 6326, 6327, 6329 are available 13" long, for 1 lamp; 18" or 24" long, for 2 lamps; 36" long for 3 lamps, complete with pull-chain or toggle switch. Other lengths or sections for continuous installation can be furnished. Satin Nickel is standard finish, but can also be had in any plated, enameled, or sprayed finish. Flashed opal is glass usually supplied, but any other flat glass can be had.

RECESS AND SURFACE MOUNTING FIXTURES

FOR MIRRORS, RESTAURANT BOOTHS, BACK BARS, WALL FIXTURES

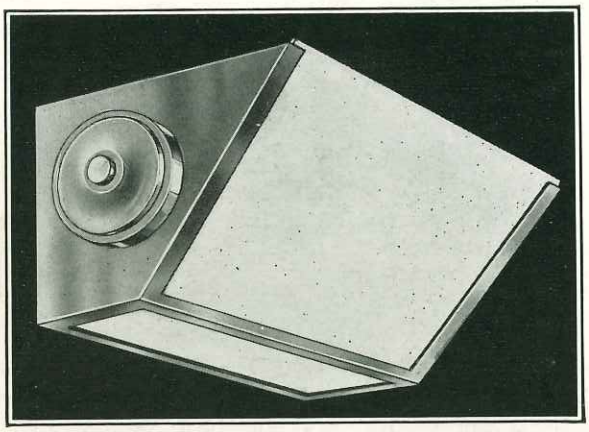
Other fixtures of this type, see pages 69, 70, 81

Fixtures can be furnished:
IN SIZES OTHER THAN LISTED

WITH EXTRA CONVENIENCE RECEPTACLE
for plugging in fan or other appliance

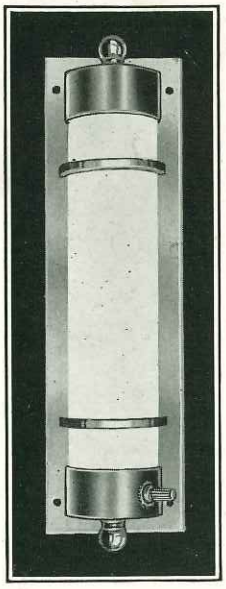
WITH OR WITHOUT SWITCH

WITH GLASS LISTED
OR ANY OTHER TYPE OF GLASS



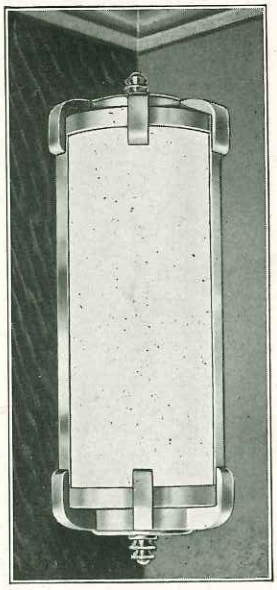
No. 6682

Surface mounted with flashed opal glass in front and bottom, closed metal top. Metal is white satin finish. Has socket for standard lamp up to 75 watt. Front glass is slid up for relamping. Mounting plate is 8″ wide, 4½″ high. Can be furnished with switch, if desired.



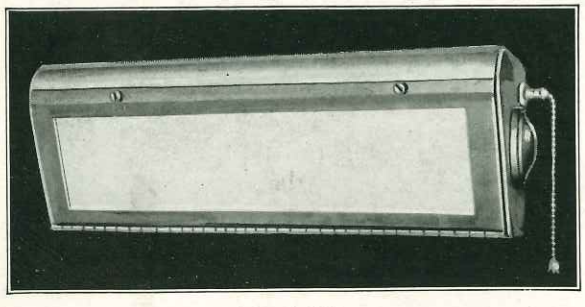
No. 6672

A surface mounted fixture for vertical or horizontal mounting. White satin finish metal with 2″x9″ opal glass cylinder with socket for 25 watt tubular lamp. End cap and cylinder are removable. Back plate is 3″x10½″. Equipped with switch.



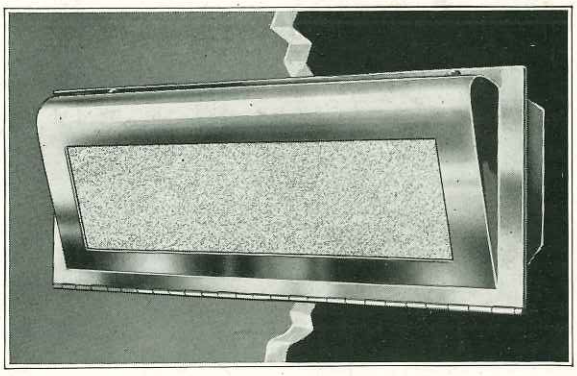
No. 6614

A surface mounted fixture designed for vertical mounting in a 90° corner. Can also be used for horizontal mounting. Cast aluminum ends, curved opal glass, GAR-LITE reflecting surface and socket for 40 watt tubular lamps. Mounting plate is 4″x 13¼″. Can be furnished with switch, if desired.



No. 6612

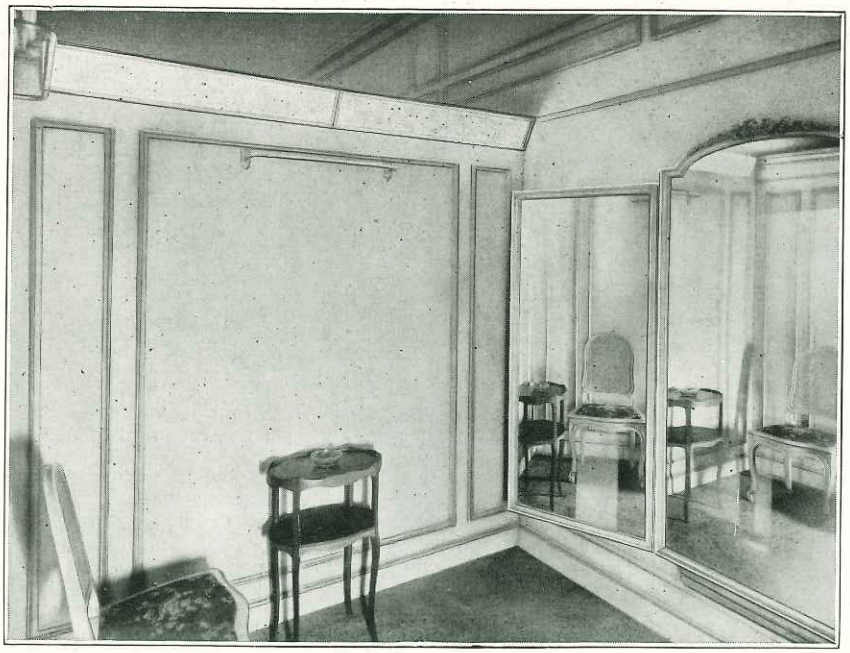
A surface mounting fixture with flashed opal diffusing glass and two sockets for lamps up to 60 watt. White satin finish housing, front hinged for relamping. Fixture is 15″ long, 5⅜″ high, 5⅛″ deep. Equipped with switch.



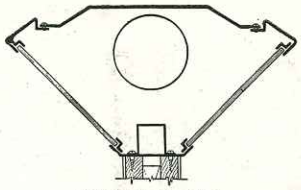
No. 6610

A semi-recessed fixture with Silverite diffusing glass, and two sockets for lamps up to 60 watt. White satin finish front, hinged for relamping. Recess box is 15″ wide, 8½″ high, 3″ deep.

CONTINUOUS OR BUILT-IN MIRROR LIGHTING



A fitting room in the Bergdorff-Goodman Store, New York City, with No. 6318 type reflector



Section ⅛ Size

No. 6318

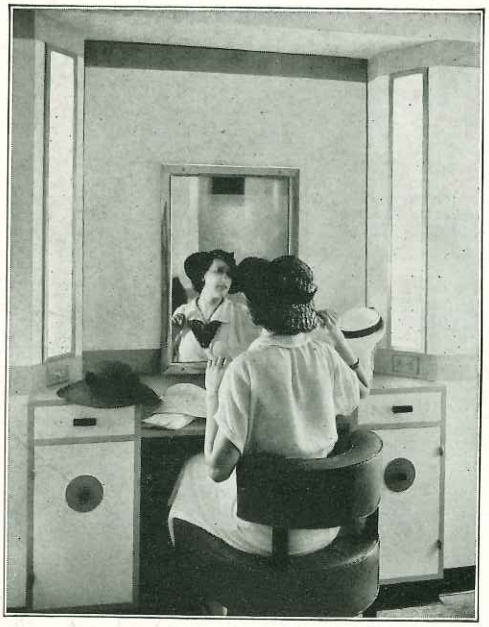
Reflector for mounting atop partition between fitting rooms. Top removable for relamping. Any length, any spacing of sockets for lamps up to 200 watt.

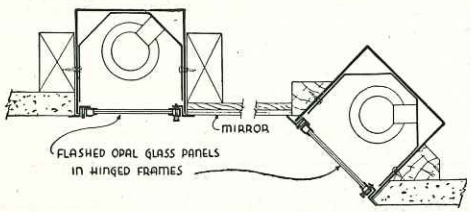
No. 6319

As above for lighting one side of partition only. Takes lamps up to 60 watts.

Other Reflectors

The fixtures on page 42 can also be furnished in continuous lengths for side wall mounting.





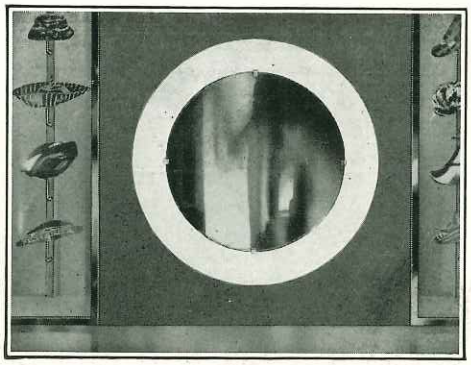
Plan shows two arrangements of GARCY flush-recessed light boxes for vertical panel lighting at side of fitting room mirrors.

Mirror lighting from the sides as in the installation at top and left provides the advantages—1st, that the light source is not in the direct line of vision of the customer; 2nd, it softens facial lines, making the customer look younger than under other types of lighting.

Lighting for millinery table with flush-recessed light boxes.

G. E. Lighting Institute, Nela Park, Cleveland, Ohio.

GARCY flush-recessed light boxes are available in various widths and lengths suitable for mirror lighting. Descriptions and standard sizes, see page 65.



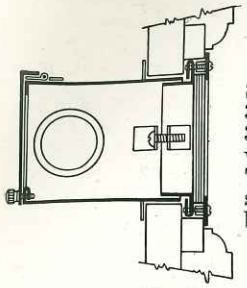
No. 6301

Round spun reflector with clips to support the mirror in the center, provides perfectly diffused indirect lighting from lamps concealed behind the mirror.

GARCY can furnish these complete with mirror fastening clips and sockets, completely wired, for recess mounting. Mirror not included.

Standard unit—reflector 35¾" diameter, 8 sockets, for 27⅝" round mirror. Other sizes can be furnished.

ILLUMINATED WICKET SIGNS



Standard size 3"x18" face, 3½" depth, with socket for T8, 40 watt screw base tubular lamp.

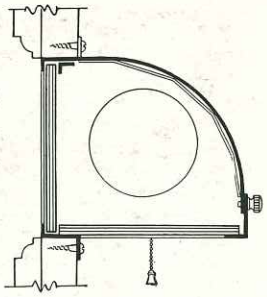
No. 3071

Glass removable from front, hinged rear door for lamp access.

Sizes listed are standard, but any other size can be furnished. Switch is included.

Glass sign panels have white raised letters, black paint background. Also furnished with background electroplated to match metal. Other attractive effects can be furnished with colored glass.

Standard size —3¾" x 18" sign face, 4¼" depth, with sockets for two lamps up to 75 watt.

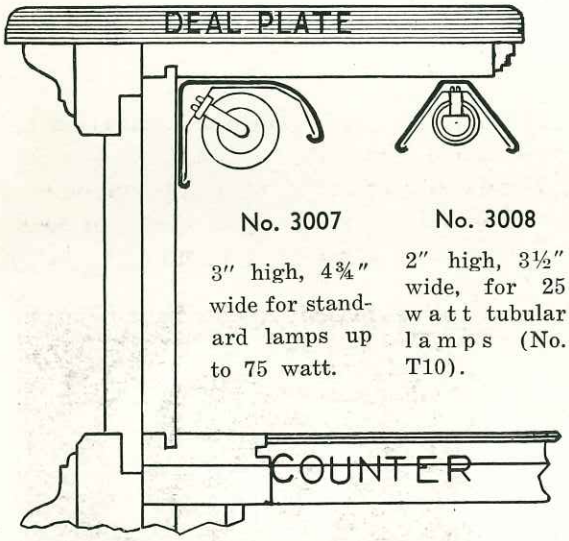


No. 3072

With diffusing glass bottom to illuminate work space. Bottom and sign glass removable from back.

DEAL PLATE REFLECTORS

Attached below deal plates to illuminate work spaces. Reflectors are available in one-lamp or two-lamp units or continuous lengths with sockets spaced as required.



No. 3007

3" high, 4¾" wide for standard lamps up to 75 watt.

No. 3008

2" high, 3½" wide, for 25 watt tubular lamps (No. T10).

Other reflectors for deal plate lighting see No. 3196 and similar display case reflectors pages 4 to 10.

One-lamp Units		Two-lamp Units		Continuous Reflectors
No.	Length	No.	Length	
A3007	10"	B3007	15"	C3007
A3008	8¼"	B3008	15"	C3008

SPECIFICATIONS

EXTERIOR: Steel, bronze sprayed.

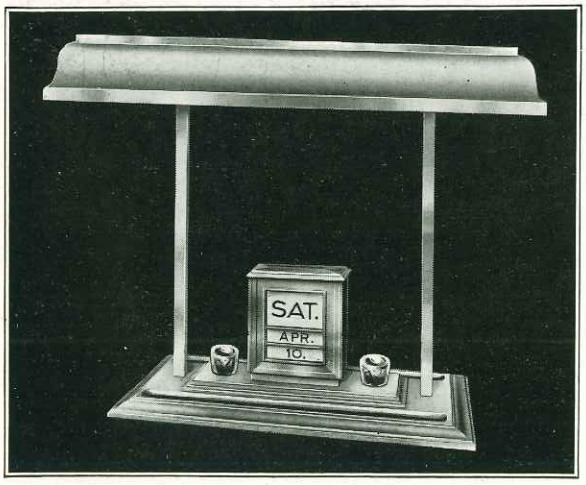
REFLECTING SURFACE: Chromium is standard.

SOCKETS AND SPACING: One-lamp units, single socket; two-lamp units, twin socket; continuous reflectors, single sockets 18" on centers. Any other spacing can be furnished.

MOUNTING: Reflectors have screw holes for mounting to wood, No. 3007 through back, No. 3008 through top. Other mounting methods, if required.

ELECTRICAL CONNECTION: End fittings to connect flexible conduit.

WIRING: One-lamp and two-lamp units unwired, continuous reflectors wired complete with lead at one or both ends as required.



CHECK DESK FIXTURES

No. 3058

Calendar stand and reflector. Reflector any height or length. With or without diffusing glass bottom.

Reflector shown is No. 3139, page 34. Any other reflector design can be furnished.

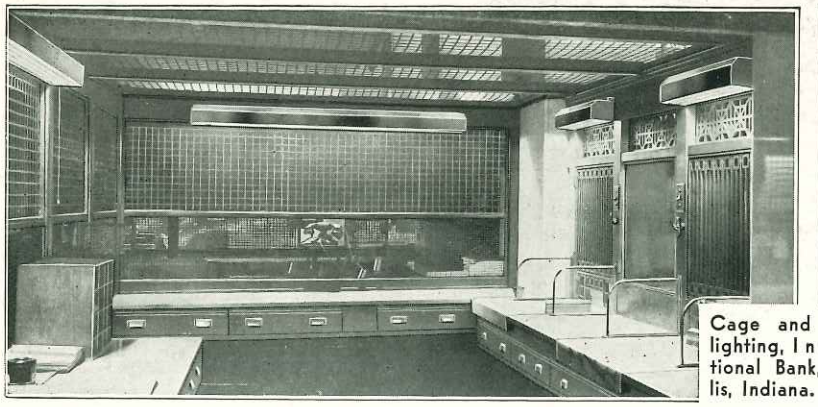
No. 1558

Calendar stand only. Cast bronze, complete with date cards and inkwells.

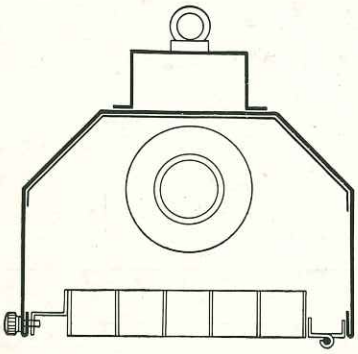
Stand is 20"x10", 8" high.

BANK CAGE AND COUNTER SCREEN LIGHTING

CONTINUOUS REFLECTORS



Cage and work room lighting, Indiana National Bank, Indianapolis, Indiana.



Section ¼ size

No. 6038

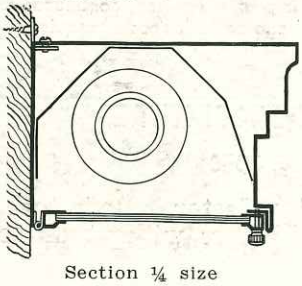
With rings for chain suspension from room ceiling or wire mesh cage ceilings. Hinged louver screen.

No. 6039

As above with diffusing glass face.

No. 6040

As above with open face—without glass or louvers.



Section ¼ size

No. 6046

Decorative cornice type. Hinged diffusing glass face, screw clip mounting.

No. 6047

As above with hinged louver screen.

No. 6048

As above with open face—without glass or louvers.

SCHEDULE OF STANDARD SIZES

No.	For Lamps up to	Width	Height
6038	150 watt	7″	6″
6039	150 watt	7″	6″
6040	200 watt	7″	5¼″
6042	75 watt	4″	4½″
6043	75 watt	4″	4″
6044	75 watt	4″	3½″
6046	75 watt	5⅝″	4″
6047	75 watt	5⅝″	4¼″
6048	100 watt	5⅝″	4″

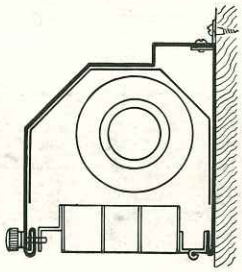
SPECIFICATIONS

EXTERIOR: Made of steel. Also furnished in brass or bronze. Standard finish is bronze sprayed on steel reflectors, statuary bronze plated on brass or bronze reflectors. Any other finish can be furnished.

REFLECTING SURFACE: GAR-LITE is standard. Also furnished with Chromium or other reflecting surfaces. See list on page 4.

SOCKET SPACING: Reflectors are furnished with single porcelain sockets spaced 18" on centers unless otherwise ordered. Can be furnished with single or twin sockets, any spacing.

WIRING, CONNECTIONS, SWITCHES: Reflectors are furnished completely wired with connector for ⅜" flexible conduit placed at top, back or end of reflector, as required. Specify location desired. Switches not included in standard equipment. If wanted, state location desired.



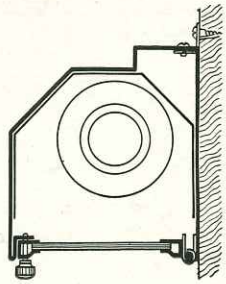
Section ¼ size

No. 6042

Hinged louver screen face, screw clip mounting.

No. 6044

As above without louver screen.



Section ¼ size

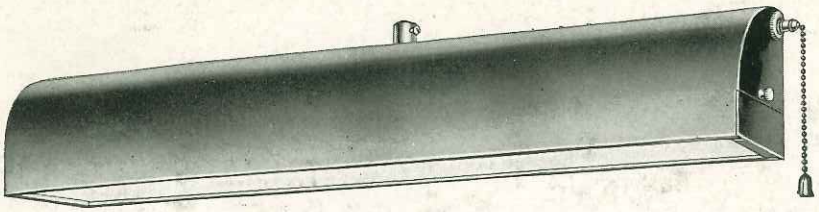
No. 6043

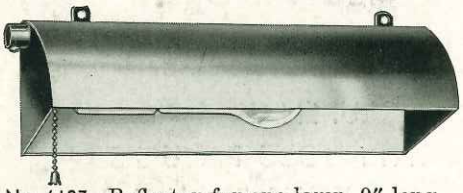
Hinged diffusing glass face, screw clip mounting.

No. 6044

As above without hinged glass.

STANDARD BANK AND TICKET WINDOW UNITS

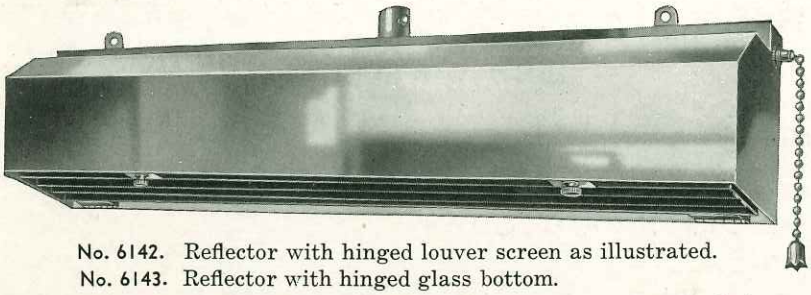




No. 6127. Reflector for one lamp. 9" long.
No. 6128. Reflector for two lamps. 18" long.
Open face reflectors with pull chain switch. For lamps up to 75 watt. Also furnished without switch.

REFLECTOR DIMENSIONS

No.	Width	Height	Length
3142	4"	3¾"	18"
3143	5"	4½"	18"
6127	4¼"	3⅛"	9"
6128	4¼"	3⅛"	18"
6142	4"	4½"	18"
6143	4"	4"	18"



No. 6142. Reflector with hinged louver screen as illustrated.
No. 6143. Reflector with hinged glass bottom.
18" long, with twin socket for lamps up to 75 watt and pull chain switch. Also furnished without glass, louvers or switch.

No. 3142. For lamps up to 75 watt.
No. 3143. For lamps up to 100 watt.
18" long with twin socket, pull chain switch, and diffusing glass bottom. Glass slides out for relamping.

Also furnished without switch or diffusing glass.

SPECIFICATIONS

EXTERIOR: Made of steel. Also furnished in brass or bronze. Standard finish is bronze sprayed on steel reflectors, statuary bronze plated on brass or bronze reflectors. Any other finish can be furnished.

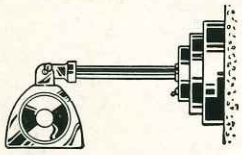
REFLECTING SURFACE: Chromium is standard. Also furnished with GAR-LITE or other reflecting surfaces. See list on page 4.

MOUNTING: Nos. 3142, 3143, have keyhole slots in back for concealed screw mounting, others with angle clips as shown. If other type of mounting is required, please specify.

CONNECTIONS — WIRING: Reflectors are furnished completely wired with connector for ⅜" flexible conduit placed at top, back or end of reflector, as required. Specify location desired.

COUPON BOOTH REFLECTORS

Other Bracket Arm Reflectors, See Pages 30, 31



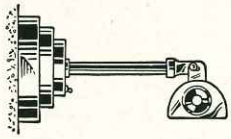
Reflector adjustable. Takes lamps up to 40 watt.

No. 6077

Reflector 10" long, for 1 lamp.

No. 6078

Reflector 15" long, for 2 lamps.



Reflector adjustable. Takes T10 tubular lamps.

No. 6005

Reflector 8¼" long for 1 lamp.

No. 6006

Reflector 15" long for 2 lamps.

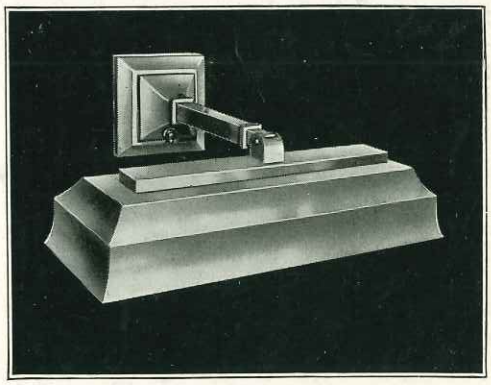
EXTERIOR: Brass or bronze, statuary bronze plated. Any other finish can be furnished.

REFLECTING SURFACE: GAR-LITE.

WIRING, CONNECTION, SWITCHES: Fixtures are wired complete and equipped with switch in canopy. Hickey or crow foot, as preferred, included for fastening to outlet box.

LENGTH OF ARM: Arms are 6" long to center of reflector. Other lengths furnished.

OTHER CANOPIES: Other styles of canopies, see page 61.



Reflector stationary. Takes lamps up to 75 watt.

No. 6055

Reflector 10" long, for 1 lamp.

No. 6057

Reflector 15" long, for 2 lamps.

OTHER GARCY LIGHTING EQUIPMENT

SHOWN IN SECTIONS B and C, CATALOG 36

MODERN ARCHITECTURAL LIGHTING

Write for SECTION B

COVE and SUSPENDED INDIRECT TROUGHS

APPLIED, RECESSED and SUSPENDED LIGHT FIXTURES

LUMILINE LAMP BRACKETS

CONTINUOUS LIGHT FIXTURES

DIRECTIONAL SIGNS and EXIT BOXES

HOLOPHANE CONTROLENS LIGHTING

Write for SECTION C

LUMINAIRES

CONTINUOUS FIXTURES

CONTINUOUS TROUGHS

Holophane controlens equipment for general lighting and for specific applications such as picture galleries, rug racks, blackboards, hospital surgeries, etc.

Also X-RAY VIEWING BOXES and NIGHT LIGHTS

DESIGN DIV.
RETURN TO

NUMERICAL INDEX

SECTION A, CATALOG 36

No.	Page	No.	Page	No.	Page	No.	Page	No.	Page	No.	Page
1512	16	3139	34	6025	35	6155	10	6516	13	6799	24
1514	16	3140	6	6031 to		6156	10	6588 to		6861 to	
1558	45	3142	47	6035	33	6201	22	6599	19	6865	15
2232	42	3143	47	6038 to		6202	22	6606	42	6867	15
3001	8, 9	3146	6	6040	46	6203	35	6610	43	6880	17
3005	32	3147	6	6042 to		6205	22	6612	43	6881	17
3007	45	3147	8, 9	6044	46	6213	22	6614	43	6886 to	
3008	45	3147	11	6046 to		6214	22	6631	32	6888	37
3020	6	3147	28	6048	46	6215	23	6632	32	6900	36
3020	28	3159	6	6050	31	6216	23	6633 to		6901	36
3037	10	3160	6	6051	31	6218	23	6635	31	7501	20
3038	11	3170	6	6054	31	6229	35	6636 to		7504 to	
3039	11	3196	5	6055	47	6230	35	6639	30	7518	20
3046	10	3198	5	6056	31	6231 to		6640	31	AR	7
3049	10	3199	4	6057	47	6233	17	6672	43	BR	7
3050	13	3301	5	6058	29	6235	29	6682	43	CR	7
3053	21	3302	5	6059	34	6240	21	6700	24	CS	7
3055	21	3304	8, 9	6060	29	6241	21	6701	24	DK	34
3056	21	3307	11	6061	29	6243	21	6703	32	DL	29
3058	45	3308	11	6065	30	6262	16	6704	32	DM	29
3071	45	3310 to		6068	31	6264	39	6709	26	DR	29
3072	45	3313	11	6070	29	6265	39	6711 to		DS	29
3079	13	3317 to		6077	47	6272	16	6713	27	DT	34
3092	34	3319	11	6078	47	6275	39	6716	25	HC	36
3096	21	4242	11	6079	30	6276	39	6718	25	HD	36
3097	34	4243	11	6081	29	6301	44	6722	25	HJ	35
3098	34	6002 to		6092	34	6318	44	6730	24	HK	36
3099	34	6004	30	6097 to		6319	44	6740	28	HT	36
3102	13	6005	47	6099	34	6326	42	6747 to		HV	36
3103	13	6006	47	6108 to		6327	42	6750	28	HW	35
3107	13	6009	25	6110	13	6329	42	6759	36	HX	36
3114	33	6017	16	6125	10	6352 to		6760	38	MC	2
3121	33	6018	16	6126	10	6354	40	6761	38	MS	2
3132	11	6019	24	6127	47	6382	23	6765 to			
3133	33	6020	25	6128	47	6383 to		6767	18		
3136 to		6021	14	6142	47	6385	15, 23	6771 to			
3138	11	6024	14	6143	47	6515	13	6775	18		